SA	ALE OF GOVERNMENT	<u>AGI</u>	REEMENT NU	MBER		
PROPI	ERTY NEGOTIATED SALES	5-	0000 0000 10000		Page 1 of 26	
	AGREEMENT		-SC30-09CC			
		partment of Energy (DOE), represented by the Contracting J.S. DOE agrees to sell and the Buyer agrees to buy the d conditions of this Agreement.				
ITEM	PROPERTY DESCRIPTION		QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	Nickel WIRE TRANSFER INFORMATION: TO BE PROVIDED AT CONTRACT AWARD Quantity (approx.) Price Lot 1 (approximately 9,700 Tons from Paducah GDP) \$ Lot 2 (approximately 5,600 Tons from \$		See "Schedule- Pricing Info-Nickel" Page 5	See "Schedule -Pricing Info- Nickel" Page 5	See "Schedule -Pricing Info- Nickel" Page 5	See "Schedule- Pricing Info- Nickel" Page 5
	Total (Lot 1 + Lot 2): \$					
	EXECUTION BY BUYER			EXECUTION	RV SELLER	
	DATE (DAY, MONTH, YEAR) NAME OF BUYER			TES OF AME		DATE:
ADDI	RESS (STREET, CITY, STATE AN COUNTRY)	ND ZIP,	NAME AND	TITLE OF CO	NTRACTING	OFFICER
TELEPHO	ONE NUMBER:					
FACSIMIL	E NUMBER:					
AGF	IRE AND TITLE OF PERSON AUTHORIZED TO REEMENT (Type or print name and title under sig					
NAME:						
TITLE: SIGNATURE:						

TABLE OF CONTENTS

INTRODUCTION	4
SCHEDULE - PRICING INFORMATION – NICKEL	5
ARTICLE I. DEFINITIONS	6
ARTICLE II. BUYER'S AGENT	7
ARTICLE III. TERM OF AGREEMENT	7
ARTICLE IV. DELIVERY, QUANTITY AND SCHEDULE	7
ARTICLE V. RECEIVING/TRANSPORTATION/STORAGE	8
ARTICLE VI. SALES PRICE	11
ARTICLE VII. TITLE TRANSFER AND PAYMENT	11
ARTICLE VIII. AVAILABILITY OF FACILITIES AND UTILITIES/INTERFACES	12
ARTICLE IX. DISPUTES	13
ARTICLE X. LICENSES	15
ARTICLE XI. CONTROL REQUIREMENTS FOR DISPOSITION OF THE NICKEL	15
ARTICLE XII. PROPERTY CONTROL REQUIREMENTS	17
ARTICLE XIII. EXCUSABLE DELAYS	19
ARTICLE XIV. MATERIAL FOR RESTRICTED APPLICATIONS	19
ARTICLE XV. TERMINATION - SUSPENSION	20
ARTICLE XVI. TAXES	20
ARTICLE XVII. APPLICABLE LAW	20
ARTICLE XVIII. SECURITY REQUIREMENTS	21
ARTICLE XIX NOTICES	22
ARTICLE XX. ASSIGNMENT	23
ARTICLE XXI. WAIVER	23
ARTICLE XXII. OFFICIALS NOT TO BENEFIT	23
ARTICLE XXIII COVENANT AGAINST CONTINGENT FEES	24

ARTICLE XXIV. INDEMNIFICATION/HOLD HARMLESS CLAUSE	24
ARTICLE XXV. AGREEMENT EXECUTION DOCUMENTS	25
ARTICLE XXVI. COMMUNITY COMMITMENT	25
ARTICLE XXVII. ENTIRE AGREEMENT	26
Exhibit 1- RADIOLOGICAL PROPERTIES AND PURITY OF THE PADUCAH NICKEL INGOTS	E-2
Exhibit 2 - LIST OF APPLICABLE LAWS, REGULATIONS, AND DOE DIRECTIVES	E-5
Exhibit 3 - BUYER DELIVERABLES	E-9
Exhibit 4 – DOE Form 580.1, "U.S. DEPARTMENT OF ENERGY END-USE CERTIFICATE"	E-11
Exhibit 5 - PERFORMANCE BOND	E-15
Exhibit 6 - PRICE, QUANTITY AND PAYMENT TABLES	E-17
Exhibit 7 - COMMUNITY COMMITMENT PLAN	E-18
ATTACHMENT 1 - PROPOSAL INSTRUCTIONS	A-2
ATTACHMENT 2 – AGREEMENT EXECUTION DOCUMENTS	A- 17
ATTACHMENT 3 - COMPETITIVE AWARD DECISION FACTORS	A-2 9
ATTACHMENT 4 - BUYER EXPERIENCE AND PAST PERFORMANCE REFERENCE INFORMATION WORKSHEET	A- 37
ATTACHMENT 5 - BUYER PAST PERFORMANCE I ETTER & QUESTIONNAIRE	Δ-37

INTRODUCTION

This **SALES AGREEMENT** is between The Department of Energy (DOE) (the "Seller") and the party identified on the signature page of this Sales Agreement (the "Buyer"). In accordance with 41 CFR 102-38 Sale of Personal Property & 41 CFR 109 Subchapter H Utilization and Disposal, the Seller offers for sale approximately 15,300 U.S. tons (2,000 pounds per ton) of classified and contaminated nickel scrap, including approximately 5,600 tons of shredded nickel scrap currently stored at the East Tennessee Technology Park (ETTP) in Oak Ridge, Tennessee and approximately 9,700 tons of nickel ingots and the associated molds currently stored at the Paducah Gaseous Diffusion Plant (GDP) in Paducah, Kentucky.

The buyer must declassify and decontaminate the nickel scrap prior to gaining title. All of the nickel is volumetrically contaminated with relatively low levels of uranium and technetium, with trace quantities of neptunium and plutonium. In addition, all of the nickel is classified and must be managed and processed accordingly. The title transfer and the sale will occur only upon DOE certification of declassification and decontamination of the nickel. The nickel shall be transported, processed, and/or reused/recycled into products that shall be used in radiologically-controlled applications. This material is NOT intended for unrestricted release for recycling into commerce.

The parties to this Sales Agreement are legally bound as of the date the Sales Agreement is executed by the Contracting Officer (CO) and provided to the Buyer.

NOTE: Specific points of contact are identified throughout this sales agreement. Additionally, current contractor names and contractor points of contact are also included as applicable. These points of contact and contractors are current at the time of award and could change at any time after award.

SCHEDULE - PRICING INFORMATION - NICKEL

The listed Price(s) in total United States Dollars (USD) represents the Buyer's proposal for the purchase of the nickel, in accordance with the requirements in this Sales Agreement. Submission of a signed proposal is an offer to purchase in accordance with terms and conditions set forth herein. Execution by Seller (Page 1, Sale of Government Property Negotiated Sales Agreement) shall constitute acceptance of an offer to purchase.

The Seller plans to make an award based on the payment/delivery dates and proposed prices provided in the Schedule. The total quantity of nickel offered for sale will be approximately 15,300 tons. The Seller may, at its sole discretion, limit the total quantity of nickel sold to less than 15,300 tons.

- 1. Buyer fills in Table as part of Exhibit 6 at time of proposal.
- 2. The "Estimated Quantity Weight (Tons Nickel)" represents the approximate quantity available for purchase. The exact quantities to be sold will be determined by Seller prior to providing the Buyer with the invoice (see Article VII.E.4).
- 3. The "Price per pound" consists of two separate prices: the Paducah GDP price per pound and the ETTP price per pound.
- 4. The "Lot 1 Price" is defined as the total of the "Estimated Quantity Weight" of the Paducah GDP Nickel (converted to pounds) times the "Price per pound" of the Paducah GDP Nickel.
- 5. The "Lot 2 Price" is defined as the total of the "Estimated Quantity Weight" of the ETTP Nickel (converted to pounds) times the "Price per pound" of the ETTP Nickel.
- 6. The "Total Price" is defined as the sum of Lot 1 price plus Lot 2 price. This price is an estimate, based on the Estimated Quantity Weight. The price paid by the Buyer will be based on the actual weight of the nickel.
- 7. The Buyer shall not modify the Estimated Quantity Weight.

See Exhibit 6, Table 1, for Sales Price.

SALE IS FOR BOTH LOTS 1 & 2: NO SINGLE LOT SALES AGREEMENTS WILL BE MADE.

ARTICLE I. DEFINITIONS

"Buyer" is the entity who will decontaminate and declassify the nickel material, and who will then purchase the nickel material from the Department of Energy through this sales agreement.

"Delivery" will occur when the Buyer takes physical possession of the material. DOE safeguards and security requirements will be maintained until title is officially transferred. Delivery may be made on-site, if the Buyer proposes to declassify and decontaminate on-site.

"ETTP" or "East Tennessee Technology Park" is a DOE facility located in Oak Ridge, Tennessee.

"GDP" or "Gaseous Diffusion Plant" means the enrichment plant at Paducah, Kentucky. This plant is owned by the DOE. The enrichment equipment/facilities are leased to the United States Enrichment Corporation (USEC).

"Lot 1" is defined as the inventory of approximately 9,700 tons of nickel ingots and the associated molds currently stored at the Paducah Gaseous Diffusion Plant (GDP) in Paducah, Kentucky.

"Lot 2" is defined as the inventory of approximately 5,600 tons of shredded nickel scrap currently stored at the East Tennessee Technology Park (ETTP) in Oak Ridge, Tennessee

"Nickel" includes the approximately 15,300 tons of nickel scrap DOE has recovered from equipment used in the uranium enrichment processes at the Paducah GDP, ETTP, and Portsmouth GDP. "Nickel" includes both the nickel scrap and the associated storage containers or molds. The majority of the shredded nickel scrap at ETTP is stored in 55-gallon drums weighing approximately 425 pounds each; the remainder is stored in metal 90-cubic foot containers weighing approximately 5,325 pounds each. The nickel scrap at the Paducah GDP is predominantly in the form of cylindrical ingots standing approximately 24-25 inches high, ranging from 16-19 inches in diameter and weighing approximately 2,000 pounds. A small amount of the nickel at the Paducah GDP was cast into ingots of various shapes. See Exhibit 1 for detailed description of the radiological properties and purity of the Paducah nickel ingots. Similar data does not exist for the nickel scrap at ETTP.

"Decontamination" is defined as the removal or reduction of radioactive or hazardous contamination from facilities, equipment, or soils by washing, heating, chemical or electrochemical action, mechanical cleaning, or other methods to achieve the required endstate contamination level. Decontamination of the Nickel must meet the International Atomic Energy Agency clearance levels for unrestricted release of radioactive material.

"Declassification" is defined as the process used to change the physical state of nickel to one that no longer reveals classified information.

"Disposition" is defined in this sales agreement as the sale of nickel to private industry for processing, use, management, and disposal under radiological controls.

"Seller" is the Department of Energy.

"Sub-Lots" are defined as portions of Lot 1 or Lot 2 as defined by the Buyer, to be delivered for declassification and decontamination.

"Title Transfer" is defined as the transfer of ownership of the nickel, from the Seller to the Buyer. Title transfer and sale will occur only upon DOE certification of declassification and decontamination of the nickel and complete satisfaction of DOE safeguards and security directives and DOE property management requirements.

ARTICLE II. BUYER'S AGENT

A Buyer's agent, under this Sales Agreement acts solely or partly on behalf of the Buyer. The Buyer shall provide sufficient information to prove that the agent is qualified to perform in accordance with the terms and conditions of this Sales Agreement and authorized to act on behalf of the Buyer. The Buyer's Agent may perform or satisfy any of the terms and conditions of this Sales Agreement on behalf of the Buyer, at the discretion or direction of the Buyer. The Buyer shall be bound by the Buyer's Agent actions and shall have no redress with Seller for Buyer's Agent's actions regardless of Buyer's Agent's actual authority.

ARTICLE III. TERM OF AGREEMENT

The term of this agreement shall begin the day it is executed and will continue until all obligations of the Seller and Buyer under this agreement have been fulfilled.

ARTICLE IV. DELIVERY, QUANTITY AND SCHEDULE

- A. The schedule of key milestones from award to initial delivery will be as identified in Exhibit 3, Buyer Deliverables.
- B. The approximate receiving quantities and schedule shall be documented in Table 2 (Buyer fills in Table 2 as part of Exhibit 6 at time of proposal*). A reasonable timeframe for receiving of all of the material is one (1) year from the date of initial receipt (i.e., Sub-Lot Number 1.1).

See Exhibit 6, Table 2, for receiving dates.

ARTICLE V. RECEIVING/TRANSPORTATION/STORAGE

- A. Proof of performance bond payment shall be provided to DOE in accordance with the due date in Exhibit 3. The amount of the performance bond shall be determined by the Contracting Officer upon award. Based on the quantity of each sub-lot, conditions of classification/contamination, and activities required for disposition, the Contracting Officer will develop an Independent Government Cost Estimate (IGCE) (including all steps from initial receipt through the final disposal), which will establish the value of the required performance bond. Examples of risks to DOE include packaging, transportation, disposal of material, and decontamination of the storage and processing facilities.
- B. The nickel and nickel storage container or molds shall be physically transferred to the possession of the Buyer at time of receipt of the nickel. The Buyer shall make arrangements, at its cost, for initial receipt of the nickel no later than 180 calendar days after award, consistent with Exhibit 3.
- C. The Buyer is responsible and liable for all Buyer-operated equipment and loading operations, including, but not limited to: abiding by all site policies and protocols, storage of Buyer-owned equipment, maintenance, training, retrieval of material, loading, on-site transportation, if applicable, employee, public and environmental safety, incidents and/or accidents, etc. These responsibilities and liabilities shall be explicitly documented in the Interface Memoranda of Understanding with the site(s) (see Article VIII.A).
- D. The Seller shall make delivery of the nickel where it is currently located at the Paducah GDP and ETTP. DOE safeguards and security Directives and requirements apply until declassification for all nickel is complete (See Article XVIII).
- E. The Buyer shall be responsible, following delivery, for the transportation of the nickel from the Paducah GDP and ETTP to the facility (off-site or on-site) where declassification and decontamination will occur. The Buyer shall develop and submit to the DOE a Transportation Plan that includes details on proposed plans to load and ship both lots of nickel. The Plan shall implement applicable Federal, State and local transportation requirements and shall include the following considerations:
 - 1. At least five (5) business days prior to the delivery date of the nickel, the Buyer shall furnish copies of Buyer's commercial bills of lading and shipping information (or on-site equivalent) to the Contracting Officer and the person(s) identified in Article XIX of the Sales Agreement. This shipping information shall include the following:
 - a. Sub-Lot quantity weight of nickel to be shipped
 - b. Designation of type and kind of conveyance
 - c. Name of the carrier (include telephone contact information)

- d. "Ship to" location
- e. Shipping schedule, consistent with Tables 2 and 3
- f. Name and telephone number of a person who can furnish additional shipping information if needed
- g. Emergency contact information
- h. Security Plan (includes shipping details)
- i. Any additional pertinent information
- 2. The Buyer shall be the shipper of record for the on-site shipment, or the off-site shipment from the DOE site to the Buyer's regulated facility, and is responsible, as applicable, for:
 - a. Any characterization required for shipment.
 - Weighing the nickel with appropriately maintained and calibrated scales. (Reference: National Bureau of Standards Handbook 145 or National Institute of Standards IR6969, e.g., scale calibration weights certificates).
 - c. All aspects of loading and transportation, including removing the material from storage, transferring to loading station, loading, and certifying the shipment, training. (The Buyer is responsible for coordinating with the local union, if necessary.)
 - d. Determining the appropriate packaging for shipment; inspecting each package to ensure that the closure is proper; marking and labeling each package in accordance with Department of Transportation (DOT) regulations. (The Seller will provide an area at each location designated for this activity.)
 - e. Identification of, and coordination with, all impacted organizations as necessary to complete the disposition of the nickel material (DOE, onsite contractors, USEC, external parties, etc.);
 - f. Preparing necessary shipping papers in accordance with applicable DOT regulations;
 - g. Selecting and providing packaging and conveyance that meets applicable Hazardous Material Regulations and Federal Motor Carrier Safety Administration Regulations;

- h. Providing instructions for, and conducting and certifying, any required training to DOE, DOE contractors or impacted parties;
- Providing material handling equipment and labor to sufficiently package and load the material onto the conveyance in accordance with DOT regulations;
- j. Closing, sealing, and placarding the conveyance according to applicable DOT requirements.
- F. The Buyer shall be required to comply with all applicable laws, regulations, orders, and directives in the handling and transportation of all of the materials delivered, including, but not limited to, the following: DOE site requirements, if applicable, as well as the requirement of the Hazardous Materials Transportation Act (HMTA), as amended by the Hazardous Materials Uniform Safety Act of 1990 and other acts (49 USC 5101 et seq.). This law is implemented by the DOT through its hazardous materials regulations (HMR's) (i.e., 49 CFR Parts 171 through 180). The DOT HMR's impose specific packaging requirements of nickel shipments in addition to the otherwise applicable radioactive material transportation requirements.
- G. DOE safeguards and security requirements shall apply from initial receipt of the nickel until it has been certified as declassified and decontaminated to the appropriate levels by the cognizant DOE Program Office/Security Authority. Once title has been transferred, the material will continue to be subject to the conditions in this contract and, as appropriate, controlled under the Buyer's NRC (or Agreement State) license. Depending on the process used, the nickel may either be declassified and then decontaminated (e.g., two separate steps will be used), or it may be declassified and decontaminated in a single step. Regardless of which process is used, title to the material will not be transferred until it has been verified as declassified by DOE per DOE safeguards and security requirements and decontaminated to IAEA clearance levels (See ARTICLE XII, Step 2).
- H. The Buyer shall be responsible for compliance with all applicable access restrictions to the Paducah GDP and ETTP in accordance with statutes, regulations, applicable orders, directives, and the Department's site access requirements at the Paducah GDP and ETTP.
- I. At Seller's sole discretion, Seller may allow the storage of the nickel for a period of time acceptable to Seller beyond the 180 calendar day period described in Paragraph B of this Article. In such case, terms and conditions for such storage will be separately established by mutual agreement between individuals authorized to negotiate for the Buyer and Seller. The person authorized to negotiate for the Seller is the Contracting Officer identified on the cover page of this sales agreement. The person(s) authorized to negotiate for the Buyer is(are) the individual(s) identified in Attachment 2, Section 6.

ARTICLE VI. SALES PRICE

- A. Buyer shall pay the Seller in accordance with this Sales Agreement and in accordance with the price per pound in Tables 1 and 3.
- B. Buyer will pay all costs applicable to the disposition of this material, from delivery to final disposal, including but not limited to loading, weighing, transportation, safeguards, security, taxes, insurance charges, customs, user fees, or duties of any kind applicable to the sale and delivery of this material. The Seller is not responsible for any costs incurred by the Buyer prior to or after the execution of this agreement and will not reimburse the Buyer.

ARTICLE VII. TITLE TRANSFER AND PAYMENT

- A. Seller shall sell, and Buyer shall pay for, the nickel quantities once the decontamination and declassification is complete, and in accordance with the terms and conditions of this Sales Agreement.
- B. The final payment amounts shall be paid by Buyer to Seller in United States currency by wire transfers (separate for each quantity stated in the table) without deduction for fees or service charges.
- C. The Seller will retain title to the nickel until such time as the nickel is declassified and decontaminated; the nickel is made available to the Buyer at no-cost during declassification and decontamination. The Seller is not responsible for any costs incurred for declassification and decontamination of the nickel and as such the Buyer will not receive any reimbursement for any costs associated with the declassification and decontamination of the nickel. If the declassification and decontamination activities are off DOE site, nickel must be possessed under the Buyer's facility authorization and the Buyer's NRC (or Agreement State) license. If the declassification and decontamination activities are on a DOE-owned or controlled site, possession of the nickel must be managed under DOE's regulations.
- D. Upon certification by the cognizant DOE Program Office/Security Authority that declassification and decontamination of the nickel has been accomplished per 41 CFR 109-43.307-51, 109-45.309-52 and 109-45.5005, Seller shall sell the nickel quantities to the Buyer; title transfer for each Sub-Lot will occur at this time. DOE will issue an invoice for each Sub-Lot upon title transfer. DOE safeguards and security requirements will be maintained until title is officially transferred.
- E. The title transfer and payment schedule shall be as follows (Buyer fills in Table 3 as part of Exhibit 6 at time of proposal).
 - 1. The payment date for each Sub-Lot shall not be more than 5 business days after title transfer/invoice date for each Sub-Lot.

- 2. The Buyer shall notify the Contracting Officer by e-mail when the wire transfer has been sent.
- 3. The invoiced price of the nickel for each delivery will be calculated based on the unit price per pound identified in the Schedule Pricing Information Nickel, multiplied by the weight of the nickel.
- 4. The weight of the nickel shall be determined by the Buyer, based upon the quantity weight of nickel shipped, using Buyer-owned, maintained and calibrated scales (Reference: National Bureau of Standards Handbook 145 or National Institute of Standards IR6969, e.g., scale calibration weights certificates). DOE shall provide oversight of the weighing, maintenance, and calibration, as documented in the Interface Memorandum of Understanding (MOU).
- 5. Any goods or services to be provided by DOE or by a DOE on-site contractor shall be specified in the proposal and reflected in the Interface Memoranda of Understanding (Article VIII).
- 6. The weight of 55-gallon drums shall be considered negligible, and therefore, not deducted from the nickel quantity weight. The standard weight of the empty metal 90-cubic foot strong tight containers (i.e., the tare weight on the container ID plate) will be deducted from the nickel quantity weight.
- F. The actual payment amount to the Seller for each Sub-Lot will be established in writing at the time of weighing prior to delivery (see Article V.E.2.b).

See Exhibit 6, Table 3, for the Schedule for Title Transfer and Payment.

ARTICLE VIII. AVAILABILITY OF FACILITIES AND UTILITIES/INTERFACES

- A. The Buyer shall define interfaces with the appropriate parties at Paducah and Oak Ridge in respective Interface Memoranda of Understanding (MOU), to be concurred in by DOE, prior to initial delivery. These MOUs will define essential services and interactions required by the Buyer so as not to impede progress on delivering the nickel to the Buyer. Any goods or services provided by DOE or an on-site contractor must be charged for full cost recovery. The following shall be considered for inclusion in the Interface MOUs:
 - Infrastructure/utilities and basic services (power, water, air, personnel cafeteria/rest rooms, etc.);
 - Emergency Response;
 - Medical services;
 - Safeguards and Security Interfaces to ensure DOE requirements are properly implemented from delivery through title transfer:
 - Applicability of DOE Directives for activities performed under DOE's authority, if any (e.g., Health and Safety Plan, Quality Assurance Project Plan, Waste Management Plan, etc.);
 - Execution of title transfer and DOE Property Management Regulations (41 CFR Part 109 (109-43.307-51, 109-42.1102-51(c)) subsequent to declassification and decontamination;

- Agreements for Government-furnished property that will be provided to the Buyer, in accordance with all Federal, DOE and Site Property Regulations, Directives and Policies
- Nickel loading operations, including, but not limited to: abiding by all site policies and protocols, storage of Buyer-owned equipment, maintenance, training, retrieval of material, loading, on-site transportation, if applicable, employee, public and environmental safety, incidents and/or accidents, etc;
- Roles, responsibilities and methods for determining the weight of each Sub-Lot, including DOE oversight responsibilities and maintenance and calibration of Buyer scales (see Section V.E.2.b);
- Interfaces with existing site contractors and other site occupants (e.g., the Buyer is responsible for ensuring personnel have appropriate access to work and support areas);
- Process for obtaining and maintaining badging and security clearances (e.g., the Buyer is responsible for achieving appropriate access to work and support areas);
- Methods for personnel radiation monitoring and reporting (e.g., the Buyer is responsible for ensuring personnel have appropriate dosimetry);
- Methods for environmental monitoring, reporting and surveillance (e.g., the Buyer is responsible for ensuring that site requirements are met);
- Interfaces required to support transportation to licensed/permitted facilities;
- Price-Anderson, and other liability, and insurance considerations.
- B. In the case where activities are performed on-site, the Buyer may desire the use of Government-owned facilities and equipment. The Buyer shall include the details of these desired items in the above-referenced Interface MOU(s). Until the approval of the MOU(s), there will be no DOE commitment to the Buyer to furnish the facilities and equipment. In the event that DOE is unable, for any reason, to provide the Buyer with its identified items, the Buyer remains fully and solely responsible for executing the Sales Agreement in a timely manner and without any further recourse against DOE.

ARTICLE IX. DISPUTES

- A. This agreement is subject to the Contract Disputes Act (CDA) of 1978, as amended (41 U.S.C. 601-613).
- B. Except as provided in the CDA, all disputes arising under or relating to this Sales Agreement shall be resolved under this clause.
- C. "Claim" as used in this article, means a written demand or written assertion by one of the parties seeking, as a matter of right, the payment of money in a sum certain, the adjustment or interpretation of agreement terms, or other relief arising under or relating to this agreement. However, a written demand or written assertion by the Buyer seeking payment of money exceeding \$100,000 is not a claim under the CDA until certified. A voucher, invoice, or other routine request for payment is not a claim under the CDA. The submission may be converted to a claim under the CDA, by complying with the

submission and certification requirements of this article, if it is disputed either as to liability or amount or is not acted upon in a reasonable time.

- D. (1) A claim by the Buyer shall be made in writing and, unless otherwise stated in this agreement, submitted within six (6) years after accrual of the claim to the Contracting Officer for a written decision. A claim by the Seller against the Buyer shall be subject to a written decision by the Contracting Officer.
 - (2) (i) The Buyer shall provide the certification specified in paragraph (D)(2)(iii) of this article when submitting any claim exceeding \$100,000.
 - (ii) The certification requirement does not apply to issues in controversy that have not been submitted as all or part of a claim.
 - (iii) The certification shall state as follows: "I certify that the claim is made in good faith; that the supporting data are accurate and complete to the best of my knowledge and belief; that the amount requested accurately reflects the contract adjustment for which the Buyer believes the Seller is liable; and that I am duly authorized to certify the claim on behalf of the Buyer."
 - (3) The certification may be executed by any person duly authorized to bind the Buyer with respect to the claim.
- E. For Buyer claims of \$100,000 or less, the Contracting Officer must, if requested in writing by the Buyer, render a decision within sixty (60) days of the request. For Buyer-certified claims over \$100,000, the Contracting Officer must, within sixty (60) days, decide the claim or notify the Buyer of the date by which the decision will be made.
- F. The Contracting Officer's decision shall be final unless the Buyer appeals as provided in the CDA.
- G. If the claim by the Buyer is submitted to the Contracting Officer or a claim by the Seller is presented to the Buyer, the parties, by mutual consent, may agree to use alternative dispute resolution (ADR). If the Buyer refuses an offer for ADR, the Buyer shall inform the Contracting Officer, in writing, of the Buyer's specific reasons for rejecting the offer.
- H. The Seller shall pay interest on the amount found due and unpaid from (1) the date the Contracting Officer receives the claim (certified if required), or (2) the date payment otherwise would be due, if the date is later, until the date of payment. Simple interest on claims shall be paid at the rate, fixed by the Secretary of the Treasury as provided in the Act, which is applicable to the period during which the Contracting Officer receives the claim and then at the rate applicable for each six (6)-month period as fixed by the Treasury Secretary during the pendency of the claim.

I. The Buyer shall proceed diligently with performance of this agreement, pending final resolution of any request for relief, claim, appeal, or action arising under the agreement, and comply with any decision of the Contracting Officer.

ARTICLE X. LICENSES

- A. At time of initial delivery the Buyer (or its agents) shall have all necessary facility authorization, permits, licenses (e.g., NRC (or Agreement State) License to Possess the Nickel referenced in this solicitation), or approvals, comply with all applicable laws, regulations, and ordinances of the United States and of any State, territory, or political subdivision, and comply with all applicable treaties, conventions and other agreements to which the United States is a party as required for material acceptance and as required by this Sales Agreement.
- B. The following Export Restriction Notice applies:

EXPORT RESTRICTION NOTICE

The use, disposition, export and re-export of this property are subject to all applicable U.S. laws and regulations, including the Atomic Energy Act of 1954, as amended; the Arms Export Control Act (22 U.S.C. 2751 et seq.); the Export Administration Act of 1979 (50 U.S.C. App 2401 et seq.); Assistance to Foreign Atomic Energy Activities (10 CFR part 810); Export and Import of Nuclear Equipment and Material (10 CFR part 110); International Traffic in Arms Regulation (22 CFR parts 120 et seq.); Export Administration Regulations (15 CFR parts 730 et seq.); Foreign Assets Control Regulations (31CFR parts 500 et seq.); and the Espionage Act (18 U.S.C. 793 et seq.) which among other things, prohibit:

- The making of false statements and concealment of any material information regarding the use or disposition, export or re-export of the property; and
- Any use or disposition, export or re-export of the property that is not authorized in accordance with the provisions of this agreement.

ARTICLE XI. CONTROL REQUIREMENTS FOR DISPOSITION OF THE NICKEL

Control requirements for disposition of the nickel are as follows:

- A. Regulatory Control The Buyer shall operate any required facilities in accordance with all applicable requirements imposed by NRC, Agreement State, or DOE.
- B. Administrative Control The Buyer shall provide perpetual inventory and chain-of-custody control for the initial Buyer and any subsequent recipients(s) and/or buyers. This will be Page 15 of 26

accomplished by requiring the Buyer to establish an inventory control system, with an associated Inventory Control Plan for tracking and reporting the location of the nickel, from initial delivery until the end product is disposed of in a regulated facility. These Administrative Controls are complementary to the NRC (or Agreement State) license requirements. Compliance with additional applicable DOE directives (see Exhibit 2) would be needed if the Buyer's facility is not subject to regulatory control by NRC or an Agreement State. (In the DOE case, the material may be controlled using DOE Directives applicable to radiological material, even though the nickel is below the IAEA clearance levels). The Inventory Control Plan and system must include the following Administrative Control Mechanisms:

- 1) Activity and Inventory Reporting and Tracking The Buyer shall have procedures, approved by the DOE EM Consolidated Business Center (EMCBC) Administering Contracting Officer, in place to maintain control of the nickel. The Buyer (and any subsequent recipient(s) to which the fabricated alloy and/or equipment is subsequently transferred or exported) must complete DOE Form 580.1 (End-Use Certificate, attached as Exhibit 4), in accordance with 41 CFR 109, to document each receipt and transfer of the nickel. The End-Use Certificate must be submitted to the EMCBC for verification.
- 2) Activity and Inventory Verification A risk-based verification and oversight process will be established by EMCBC to verify that the administrative controls are implemented to demonstrate that the nickel is properly controlled. The Buyer and any subsequent recipient(s) shall cooperate with EMCBC auditors in the verification of the quantity and condition of the material at any stage (e.g., fabrication, manufacturing, deployment and operation of equipment, and/or disposal), as well as the review of associated records. Audits will be conducted periodically (e.g., annually) by EMCBC to ensure the Inventory Control Plan is executed, and documentation is accurate and current.
- 3) Performance Enforcement These Administrative Control requirements shall be imposed on any and all contracts, subcontracts or agreements with subsequent recipient(s). A performance bond (attached as Exhibit 5) shall be procured by the Buyer and by each subsequent recipient(s) before transfer of material to ensure this Agreement will be performed as documented (e.g., ensure proper disposal of any nickel that becomes an orphan waste, should there be a failure in the proper implementation of the Sales Agreement requirements). In accordance with Article XV, the Seller reserves the right, at no cost to the Seller, to terminate this Sales Agreement at no cost to the Seller in the event that the Buyer shall fail to perform any Sales Agreement obligations, and shall fail to take corrective action within 2 days of the date of the written notice of such failure to perform, unless such failure arises out of causes beyond the control of and without the fault or negligence of the Buyer, its contractors or agents.

ARTICLE XII. PROPERTY CONTROL REQUIREMENTS

A summary description of the five steps and associated activities for the processing of nickel for radiologically-controlled use are as follows. These activities shall be performed in accordance with all applicable laws, regulations and DOE policy and directives, including, but not limited to those, provided in Exhibit 2. All waste disposal costs will be borne by the Buyer (e.g., if wastes are returned to a DOE-controlled facility).

NOTE: Steps 1 and 2 shall be performed only in the United States.

Step 1: Resizing and Declassification

- Construct a facility or convert an existing facility which is either NRC (or Agreement State) licensed or under DOE's extended AEA authority to resize and declassify the nickel for subsequent processing;
- Submit to ORO a Security Plan for inspection of the material (to ensure that properly cleared individuals have access) for transport of the material, and storage of the material prior to its conversion into an "unclassified" configuration;
- Remove from storage, handle, package, and load the nickel at PGDP and ETTP;
- ORO Security Officer certify the classified nickel for shipment, after it is loaded on the Buyer's conveyance, in accordance with requirements outlined in Article V;
- Transport the nickel to the regulated facility for declassification (on-site or off-site);
- Process the nickel in a regulated facility to declassify and render it unfit for its original intended use, store, and prepare the material for decontamination;
- Provide regulated control of process effluents, emissions, and radioactive and mixed wastes that the process could generate;
- Transport and dispose of radioactive and mixed wastes to DOE-controlled or NRC (or Agreement State) -licensed disposal facilities;
- Transport and dispose of sanitary, industrial, and mixed wastes at appropriate disposal facilities in accordance with Federal, State, and local requirements;
- Handle, package, and load the declassified nickel for shipment to a regulated decontamination facility if applicable (e.g., decontamination could occur at same facility); and
- Decontaminate and decommission the regulated facility consistent within applicable rules and regulations and in accordance with safeguards and security requirements.

Step 2: Decontamination (Purification and Alloying¹)

- Construct a regulated purification facility, or convert an existing regulated facility for this purpose;
- Transport the nickel material to the regulated purification facility; Process the nickel
 material in the purification facility to produce, and store a decontaminated material
 suitable for alloying (the alloying step could occur at the time of decontamination or in
 Step 3);
- Provide regulated control of process effluents, emissions, and radioactive and mixed wastes that the process generates;
- Transport and dispose of radioactive and mixed wastes to DOE-controlled or NRC (or

¹ Alloying can occur in either Step 2 or Step 3.

- Agreement State) -licensed disposal facilities;
- Transport and dispose of sanitary, industrial, and mixed wastes at appropriate disposal facilities in accordance with Federal, State, and local requirements;
- Handle, package, and load nickel material with residual radioactivity that meets
 International Atomic Energy Agency (IAEA) clearance levels for shipment to a
 regulated alloying facility; and if applicable (e.g., alloying could occur at some facility);
 NOTE: After Step 2, the residual radioactivity on the nickel shall meet International
 Atomic Energy Agency (IAEA) clearance levels, e.g., Technetium-99 less than 27 pCi
 per gram or 0.0000000000027 Ci/g; and
- Decontaminate and decommission the regulated purification facilities consistent with applicable rules and regulations.

Step 3: Alloying¹, Fabricating and Equipment Manufacturing

- Construct a regulated alloying, fabricating, and equipment manufacturing facility, or convert existing regulated facilities for nickel processing;
- Transport the nickel material that meets the IAEA clearance levels to a regulated alloying, fabricating, and equipment manufacturing facility or facilities; NOTE: Steps 3, 4, and 5 could be performed outside the United States only if equivalent radiological protection is assured.
- Alloy (as required), fabricate, manufacture, and store equipment in the regulated radiological facility;
- Provide regulated control of process effluents, emissions, and radioactive and mixed wastes that the process generates;
- Transport and dispose of radioactive and mixed wastes to DOE-controlled, NRC (or Agreement State) -licensed, or otherwise regulated disposal facilities;
- Transport and dispose of sanitary, industrial, and mixed wastes at appropriate disposal facilities in accordance with Federal, State, local, and/or international (IAEA) requirements:
- Transport the manufactured equipment to regulated radiological facilities; and decontaminate and decommission the alloying, fabricating, and equipment manufacturing facilities consistent with the applicable rules and regulations after completion of the processes, and

Step 4: End Use of Manufactured Products in Radiologically-Controlled Applications

- End use of the manufactured products must be at DOE-controlled, NRC (or Agreement State) -licensed, or otherwise regulated facilities.
- Rebuilding of end-use components is allowed where there is continuity of regulation and purpose with no change in end use.

Step 5: Disposal of Manufactured Products

- After the end of radiologically-controlled use, transport the equipment as waste to DOE-controlled, NRC (or Agreement State) -licensed, or otherwise regulated disposal facilities.
- Closeout DOE F580.1, End Use Certificate.

¹ Alloying can occur in either Step 2 or Step 3.

ARTICLE XIII. EXCUSABLE DELAYS

- A. Except for defaults of subcontractors at any tier, the Buyer shall not be in default because of any failure to perform this Sales Agreement under its terms if the failure arises from causes beyond the control and without the fault or negligence of the Buyer. Examples of these causes are:
 - 1. acts of God or of the public enemy
 - 2. acts of the Government in either its sovereign or contractual capacity
 - fires
 - 4. floods
 - 5. epidemics
 - 6. quarantine restrictions
 - 7. strikes
 - 8. freight embargoes
 - 9. unusually severe weather.

In each instance, the failure to perform must be beyond the control and without the fault or negligence of the Buyer. "Default" includes failure to make progress in the work so as to endanger performance.

- B. If the failure to perform is caused by the failure of a subcontractor at any tier to perform or make progress, and if the cause of the failure was beyond the control of both the Buyer and subcontractor, and without the fault or negligence of either, the Buyer shall not be deemed to be in default, unless --
 - 1. The subcontracted services were obtainable from other sources;
 - 2. The Contracting Officer ordered the Buyer in writing to purchase these services from the other source; and
 - 3. The Buyer failed to comply reasonably with this order.
- C. Upon request of the Buyer, the Contracting Officer shall ascertain the facts and extent of the failure. If the Contracting Officer determines that any failure to perform results from one or more of the causes above, the delivery schedule shall be revised, subject to the rights of the Government under the termination clause of this contract.

ARTICLE XIV. MATERIAL FOR RESTRICTED APPLICATIONS

A. Buyer represents to Seller that all nickel transferred hereunder will be used in accordance with all applicable laws and regulations; and with the special process, use, and disposal restrictions of this Sales Agreement.

ARTICLE XV. TERMINATION - SUSPENSION

- A. In addition to any other rights the Seller may have, the Seller reserves the right, at no cost to the Seller, to terminate or suspend this Sales Agreement in whole or in part, by written notice to the Buyer, in the event (i) the Buyer's right to possess nickel expires or is suspended or terminated by any authority having power to take such action; (ii) the Buyer shall fail to perform its obligations hereunder, and shall fail to take corrective action within 2 days of the date of the written notice of such failure to perform as provided above, unless such failure arises out of causes beyond the control of and without the fault or negligence of the Buyer, its contractors or agents; or (iii) bankruptcy or insolvency proceedings are commenced by or against the Buyer, or if receivers are appointed to take possession of the business of the Buyer.
- B. If payment is not received from the Buyer within the timeframe documented in Article VII, or a different date as agreed to in writing by the Seller, the Seller has the unilateral right to terminate the Sales Agreement at no cost to the Seller.
- C. If the performance bond is not received by DOE in accordance with Exhibit 3, or a different date as agreed to in writing by the Seller, the Seller has the unilateral right to suspend the Sales Agreement at no cost to the Seller.
- D. If the Buyer cannot perform within the dates provided in Table 3 and the schedule outlined in Exhibit 3, the Seller may exercise its right to award to another Buyer that submitted a response to this Request For Proposal. In this case, the Sales Agreement will be terminated at no cost to the Seller, notwithstanding any other provisions of the Sales Agreement.
- E. If the Buyer has not met the pass/fail criteria (Attachment 3, Section 3.A) prior to initial receipt of the nickel, or a different date as agreed upon in writing by the Seller, the Seller has the unilateral right to terminate the Sales Agreement at no cost to the Seller.

ARTICLE XVI. TAXES

Buyer shall be responsible for any and all taxes relating to this transaction, including, but not limited to, any and all sales and use taxes that may be owed to the Commonwealth of Kentucky or State of Tennessee, or any other state.

ARTICLE XVII. APPLICABLE LAW

This Agreement shall be governed by and construed in accordance with the laws of the United States of America and the applicable state laws and regulations where the nickel is located at the time of sale, either the laws of the Commonwealth of Kentucky or the State of Tennessee.

ARTICLE XVIII. SECURITY REQUIREMENTS

- A. The Oak Ridge Office (ORO), Oak Ridge, Tennessee is the Cognizant Security Authority (CSA) for ETTP and the Paducah and Portsmouth Gaseous Diffusion Plants (GDPs). The GDPs are split into two areas of interest: Leased space (which falls under NRC or Agreement State regulations) and non-leased space (which falls under DOE requirements). Note: The possession, transportation, storage, processing, and disposition of the classified nickel will be subject to DOE requirements for safeguards and security as described in Title 10 of the Code of Federal Regulations and respective DOE Orders and directives.
- B. The nickel at the GDPs is under the control of DOE (non-leased space), and administrative security procedures fall under the purview of local DOE security contractors (e.g., Swift and Staley at Paducah, Wackenhut at Oak Ridge). Physical security (armed guards) at Paducah GDP is provided by USEC. Physical security (armed guards) at ETTP is provided by an on-site security contractor (Wackenhut).
- C. A Security Plan, covering the Oak Ridge and Paducah sites shall be submitted and approved by ORO no later than 45 business days after award. The Security Plan shall implement DOE security policy and requirements, including:
 - 1. The Buyer must first get approval for access to the nickel by contacting ORO, as the CSA, and follow their instructions based on an analysis of the level of classification of the nickel to be acquired. The nickel is classified as Confidential-Restricted Data. The Security Plan must address at a minimum the:
 - a. Delivery, transportation, storage, declassification, processing, and disposition activities utilizing detailed narrative and flow sheets;
 - Engineering and administrative controls implemented to safeguard and contain the classified information and materials including during routine handling, storage, transfer into declassification process, transportation, and postulated upset conditions;
 - Procedures that will be used to ensure that no classified information or residual material remains in any facility, equipment, or process after processing is completed;
 - d. Comprehensive quality assurance plan addressing security matters of concern;
 - e. Disposition of classified waste:
 - f. Plans for producing any classified communications in a secure environment and plans for properly marking any classified documents.

The processing facilities will be subject to inspections and reviews by DOE Security personnel during processing and after facility clearance.

- 2. Identification of, and coordination with, all organizations impacted by security requirements, necessary to complete the disposition of the nickel material (DOE, on-site contractors, USEC, external parties, etc.);
- 3. At Paducah, the CSA and the DOE security contractor will coordinate with designated site security personnel prior to removal of the material by the Buyer.
- 4. The Buyer shall contact the following personnel to coordinate clearance and access to the specific site for pickup of the nickel:

ORO

Mr. E. Pat Howard, Chief, Security Oversight and Support Branch, ORO OS-201
P.O. Box 2001
Oak Ridge, TN 37831
865-241-4501
HowardPE@oro.doe.gov

* POC

Paducah Mr. David Bowman Swift & Staley Mechanical Contractors, Inc. XXX-XXX-XXXX David.Bowman@swiftstalev.com

PPPO * POC

ARTICLE XIX. NOTICES

A. All notices or other communications required or which may be given hereunder shall be in writing, addressed, and forwarded as follows:

If to Seller: Noelle Mills, Contracting Officer

Department of Energy

Environmental Management Consolidated Business Center (EMCBC)

250 E. Fifth Street, Suite 500, Cincinnati, Ohio 45202

Telephone: (513) 246-0510 Facsimile: (513) 246-0529

Page 22 of 26

E-Mail Address: noelle.mills@emcbc.doe.gov

If to Buyer: To Be Determined Upon Award of this Agreement (Reference Page 1 of

the Negotiated Sales Agreement)

B. Any notice, invoice, or other communication hereunder shall be deemed to have been properly transmitted when sent by mail or facsimile, and shall be deemed to have been given on the date of receipt. Receipt shall be documented by Delivery Confirmation receipt if sent by mail or by facsimile record/report if by facsimile.

C. Either party may, at any time, by written notice to the other party, change the person or address to which notices directed to it shall be sent.

ARTICLE XX. ASSIGNMENT

This Agreement is subject to the provisions of 41 U.S.C. 15 "Transfers of contracts; assignments; assignee not subject to reduction or setoff.".

ARTICLE XXI. WAIVER

No waiver, alteration, amendment, or modification of this Sales Agreement or any covenant, condition, or limitation herein contained is valid unless in writing and duly executed by each of the parties hereto. Furthermore, no evidence of any waiver, alteration, amendment, or modification shall be offered or received in evidence in any proceeding, arbitration, or litigation between the parties arising out of or affecting this Sales Agreement, or the rights or obligations of any party hereunder, unless such waiver, alteration, amendment, or modification is in writing, and duly executed by the parties. Further, the provisions of this paragraph may not be waived except as herein set forth. The contracting officer is the only individual authorized to waive, alter, amend, or modify the Sales Agreement on the Government's behalf.

ARTICLE XXII. OFFICIALS NOT TO BENEFIT

- A. By submission of its offer, Buyer represents that no Federal appropriated funds have been paid or will be paid, by or on behalf of Buyer, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract [meaning this Sales Agreement], the entering into of any extension, continuation, renewal, amendment, or modification of any Federal contract.
- B. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member

of Congress in connection with this Federal contract [meaning this Sales Agreement], Buyer shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

ARTICLE XXIII. COVENANT AGAINST CONTINGENT FEES

- A. The Buyer warrants that no person or agency has been employed or retained to solicit or obtain this sales agreement upon an agreement or understanding for a contingent fee, except a bona fide employee or agency. For breach or violation of this warranty, the Seller shall have the right to annul this sales agreement without liability or, in its discretion, to add to the sales price or consideration, or otherwise recover, the full amount of the contingent fee.
- B. "Bona fide agency," as used in this clause, means an established commercial or selling agency, maintained by a Purchaser for the purpose of securing business, that neither exerts nor proposes to exert improper influence to solicit or obtain DOE sales agreement nor holds itself out as being able to obtain any DOE sales agreements(s) through improper influence.
- C. "Bona fide employee," as used in this clause, means a person, employed by Purchaser and subject to the Purchaser's supervision and control as to time, place, and manner of performance, who neither exerts nor proposes to exert improper influence to solicit or obtain DOE sales agreements nor holds out as being able to obtain any DOE sales agreement(s) through improper influence.
- D. "Contingent fee," as used in this clause, means any commission, percentage, brokerage, or other fee that is contingent upon the success that a person or concern has in securing a DOE sales agreement.
- E. "Improper Influence," as used in this clause means any influence that induces or tends to induce a DOE employee or officer to give consideration or to act regarding a DOE sales agreement on any basis other than the merits of the matter.

ARTICLE XXIV. INDEMNIFICATION/HOLD HARMLESS CLAUSE

This agreement is made with the understanding and express condition that the United States of America and the US Department of Energy and its agents shall be free from all liabilities and claims for damages and/or suits. Moreover, the Buyer agrees to indemnify and hold harmless the Seller, its present and future officers or officials, employees, agents, and representatives, from and against any and all liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits and costs and expenses (including the costs of defense and/or settlement, including, but not limited to, actual attorney's fees), whether vested or continent, liquidated or unliquidated, which any or all of them may hereafter at any time suffer, incur, be subject to be responsible for, or pay as a result of any and all bodily injuries to persons

(including death), damage to any property, contamination or other adverse effects on the environment, or any violation or alleged violation of any or all applicable statutes, ordinances, orders, laws, rules, or regulations of any governmental entity or agency, caused by, resulting from, or arising out of:

- Any negligent or willful act or omissions by the Buyer, its employees, agents, officers, directors, or subcontractors in connection with this Agreement.
- The Buyer's use, distribution, sales, or alteration of the nickel identified in this Agreement or any components or residue thereof.

ARTICLE XXV. AGREEMENT EXECUTION DOCUMENTS

The Agreement Execution Documents at Attachment 2 are hereby incorporated by reference, with the exception of the DOE Form 580.1, "U.S. Department of Energy End-Use Certificate" which will be included as Exhibit 4 to the Sales Agreement.

ARTICLE XXVI. COMMUNITY COMMITMENT

DOE is conducting critical missions at the East Tennessee Technology Park (ETTP) in Oak Ridge, Tennessee, and the Paducah Gaseous Diffusion Plant (GDP) in Paducah, Kentucky. It is the policy of the DOE to be a constructive partner in the geographic region in which DOE conducts its business. The Buyer shall take meaningful actions to implement DOE's community commitment.

DOE will not prescribe which community commitment activities the Buyer may engage in but identifies the example activities listed in A, B and C below as worthwhile endeavors for its consideration. The list is not intended to preclude other constructive community activities.

The Buyer shall include a plan for the community commitment activities in the proposal. This plan will become part of the final Sales Agreement.

A. Regional Educational Outreach Programs

The objectives of these programs include teacher enhancement, student support, curriculum enhancement, educational technology, public understanding, and providing the services of the sites' employees to schools, colleges, and universities.

The Regional Educational Outreach Programs could involve providing facility employees an opportunity to improve their employment skills and opportunities by an educational assistance allowance, provision for outside training programs either during or outside regular work hours, or executive training programs for non-executive employees. This could also involve participating in activities that foster relationships with regional

educational institutions and other institutions of higher learning or encouraging students to pursue science, engineering, and technology careers.

B. Regional Purchasing Programs

The Buyer could conduct business alliances with regional vendors. These alliances may also serve to encourage the formation of regional trade associations which will better enable regional businesses to satisfy the sites' needs.

The Buyer could coordinate and cooperate with the Chambers of Commerce, Small Business Development Centers, and like organizations, and make prospective regional vendors aware of any assistance that may be available from these entities.

DOE encourages the use of regional vendors in fulfilling the requirements.

The Buyer shall encourage its subcontractors, at all tiers, to participate in these activities.

C. Community Support

The Buyer may directly sponsor specific local community activities or sponsor individual employees available to work with a specific local community activity. The Buyer may provide support and assistance to community service organizations. The Buyer may support strategic partnerships with professional and scientific organizations to enhance recruitment into all levels of its organizations at the sites.

The Buyer may support other community involvement activities as it deems appropriate.

ARTICLE XXVII. ENTIRE AGREEMENT

This Sales Agreement contains the entire agreement between the parties and supersedes all other prior negotiations, undertakings, notes, memoranda, and agreements, whether written or oral, concerning the subject matter.

DRAFT SALES AGREEMENT DE-SC30-09CC40098 LIST OF EXHIBITS

- Exhibit 1 RADIOLOGICAL PROPERTIES AND PURITY OF THE PADUCAH NICKEL INGOTS
- Exhibit 2 LIST OF APPLICABLE LAWS, REGULATIONS, AND DOE DIRECTIVES
- Exhibit 3 BUYER DELIVERABLES
- Exhibit 4 DOE Form 580.1, "U.S. DEPARTMENT OF ENERGY END-USE CERTIFICATE" (signed copy to be included at award)
- Exhibit 5 PERFORMANCE BOND
- Exhibit 6 PRICE, QUANTITY AND PAYMENT TABLES
- Exhibit 7 COMMUNITY COMMITMENT PLAN

Exhibit 1- RADIOLOGICAL PROPERTIES AND PURITY OF THE PADUCAH NICKEL INGOTS

During the recasting process between 1978 and 1984, samples were taken from 30 nickel ingots. Results of the sample analyses are as follows:

Nuclide	Detected In	Sample Result (pCi/g)	
	(Number of Samples)	Average	Maximum
⁹⁹ Tc	30	14,459	71,621
Total U	30	1.32	7.57
²³⁷ Np	5	0.568	0.838
²³⁹ Pu	1	N/A	0.297

Np = Neptunium

Tc = Technetium

Pu = Plutonium U = Uranium

Note: The average contaminant level of ⁹⁹Tc, the primary contaminant present, is 0.85 ppm (14,459 pCi/g) and the standard deviation was 0.83. The maximum level of ⁹⁹Tc detected is 4.21 ppm (71,621 pCi/g); however, 95 percent of the samples were < 2.13 ppm (36,243 pCi/g).

Approximately 72 additional samples were taken in 1999/2000 with the following results:

Nuclide	Sample Result (pCi/g)			Standard
	Minimum	Maximum	Average	Deviation
Alpha	4.60	4.60	4.60	N/A
Beta	3,970	11,400	6,980	2,650
²³⁷ Np	0.163	0.470	0.268	0.126
²³⁹ Pu	6.06	7.53	6.73	0.743
⁹⁹ Tc	8.77	23,500	13,800	5,990
²³⁰ Th	1.13	1.13	1.13	N/A
²³² Th	0.0000264	0.0118	0.000500	0.00196
²³⁵ U	0.000210	0.0184	0.00560	0.00770
²³⁸ U	0.00213	0.912	0.120	0.197

Np = Neptunium Th = Thorium Pu = Plutonium U = Uranium Tc = Technetium N/A = Not applicable; minimum, maximum, and average based on 1 sample result.

In May 2005, radiological sampling was performed on a single nickel ingot from Paducah. Four samples were taken with the following results:

Nuclide	Detected In	Sample Result (pCi/g)	
	(Number of Samples)	Average	Maximum
Total U	3	0.27	0.38
Total Th	0	0	0

Nickel purity was also analyzed in May 2005 on the four samples taken from the single nickel ingot originating from Paducah:

Element	Sample E1 (%)	Sample E2 (%)	Sample E3 (%)	Sample E4 (%)	Nickel Specification (%)
Nickel	99.97	99.96	99.96	99.96	99.6
Phosphorus	< 0.001	< 0.001	< 0.001	< 0.001	0.001
Sulfur	0.0014	0.0015	0.0018	0.0014	0.001
Carbon	0.0014	0.0015	0.001	0.0016	0.01
Copper	<0.002	< 0.002	< 0.002	< 0.002	0.01
Zinc	<0.001	< 0.001	< 0.001	< 0.001	0.0015
Cadmium	< 0.0003	< 0.0003	< 0.0003	< 0.0003	0.003
Bismuth	< 0.0003	< 0.0003	< 0.0003	< 0.0003	0.0003
Iron	0.017	0.019	0.02	0.02	0.01
Tin	< 0.0003	< 0.0003	< 0.0003	< 0.0003	0.003
Lead	< 0.001	< 0.001	< 0.001	< 0.001	0.001
Magnesium	< 0.001	< 0.001	< 0.001	< 0.001	0.001
Antimony	< 0.001	< 0.001	< 0.001	< 0.001	0.003
Silicon	0.0017	0.0016	0.0016	0.002	0.002
Arsenic	< 0.001	<0.001	<0.001	< 0.001	0.008

Representative radiological surveys on the surface of seven ingots, using alpha and beta/gamma monitoring instruments, were taken in June 2006, with the following results:

Nuclide	No. of		Sample Result		Standard
Nuclide	Samples	Minimum	Maximum	Average	Deviation
Transferable Alpha	50	0 dpm/100 cm ²	16 dpm/100 cm ²	0.700 dpm/100 cm ²	2.605
Transferable Beta/Gamma	50	0 dpm/100 cm ²	14 dpm/100 cm ²	2.485 dpm/100 cm ²	3.602
Total Beta/Gamma	9	35,200 dpm/100 cm ²	352,000 dpm/100 cm ²	125,156 dpm/100 cm ²	94,960
Fixed Readings	59	600 cpm	2,000 cpm		

dpm = disintegrations per minute cpm = counts per minute

Note: DOE does not in any way warrant, guarantee, or otherwise vouch for the accuracy of the properties of the inventory to be sold. The inventory would be transferred "as is."

Exhibit 2 - LIST OF APPLICABLE LAWS, REGULATIONS, AND DOE DIRECTIVES

(Some DOE Directives are applicable, which would be specified in the Interface MOU, ONLY when the Buyer operates a facility under DOE's regulatory control.)

- 1. Waste Management Programmatic Environmental Impact Statement for Managing Treatment, Storage, and Disposal of Radioactive and Hazardous Waste (DOE/PEIS-0200-F, May 1997)
- 2. Sale of Radioactively Contaminated Scrap Nickel Ingots at the Paducah Gaseous Diffusion Plant, Paducah, KY (DOE/EA-0994, April 1996).
- 3. Personal Property Letter (PPL) 970-1 issued by the Deputy Assistant Secretary for Procurement and Assistance Management, in particular, Expedited Reutilization Procedures for the Transfers of Personal Property for Economic Development (p. 12) (June 28, 1995)
- 4. Personal Property Letter (PPL) 970-3 (Revision 1) issued by the Deputy Assistant Secretary for Procurement and Assistance Management (February 3, 1998)
- 5. DOE O 142.1, Classified Visits Involving Foreign Nationals
- 6. DOE O 142.2A, Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
- 7. DOE O 142.3 Chg 1, Unclassified Foreign Visits and Assignments
- 8. DOE O 151.1C, Comprehensive Emergency Management System
- 9. DOE O 200.1A, Information Management Plan
- 10. DOE O 205.1A, Department of Energy Cyber Security Management Program
- 11. DOE O 226.1A, Implementation of DOE Oversight Policy
- 12. DOE O 243.1, Records Management Program
- 13. DOE O 243.2, Vital Records
- 14. DOE O 414.1C, Quality Assurance, including the EM-QA-001 EM Quality Assurance Program (QAP)
- 15. DOE O 435.1, Radioactive Waste Management

- DOE O 440.1A, Worker Protection Management for DOE Federal and Contractor Employees
- 17. DOE G 441.1-C, Radiation Protection Program
- 18. DOE G 441.1.xx, (draft) Implementation Guide, Control and Release of Property with Residue Radioactive Material for Use with DOE 5400.5 (April 2002
- 19. DOE O 450.1A, Environmental Protection Program
- 20. DOE O 460.1B, Packaging and Transportation Safety
- 21. DOE O 460.2A, Departmental Materials Transportation and Packaging Management
- 22. DOE O 470.4-6, Nuclear Material Control and Accountability
- 23. DOE O 471.1A, Identification and Protection of Unclassified Controlled Nuclear Information
- 24. DOE O 471.3, Identifying and Protecting Official Use Only Information
- 25. DOE O 475.1-1B, Manual for Identifying Classified Information
- 26. DOE O 475.2, Identifying Classified Information
- 27. DOE O 522.1, Pricing of Departmental Materials and Services
- 28. DOE O 580.1 Chg 1 (May 8, 2008), Department of Energy Personal Property Management Program, and DOE Guide 580.1-1 (December 7, 2005)
- 29. DOE O 5400.5, Radiation Protection of the Public and the Environment
- 30. DOE O 5660.1B, Management of Nuclear Materials
- 31. DOE P 470.1, Integrated Safeguards and Security Management (ISSM) Policy
- 32. DOE M 142.2-1, Manual for Implementation of the Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
- 33. DOE M 205.1-6. Medial Sanitization Manual
- 34. DOE M 205.1-7, Security Controls for Unclassified Information Systems Manual

- 35. DOE M 435.1-1 Chg, Radioactive Waste Management Manual
- 36. DOE M 450.4-1, Integrated Safety Management System Manual
- 37. DOE M 470.4-1, Safeguards and Security Program Planning and Management
- 38. DOE M 470.4-2, Physical Protection
- 39. DOE M 470.4-4A, Information Security Manual
- 40. DOE M 470.4-5, Personnel Security
- 41. DOE M 470.4-6, Nuclear Material Control and Accountability
- 42. DOE M 471.3-1, Identifying & Protecting Official Use Only Information
- 43. DOE M 475.1-1B, Manual for Identifying Classified Information
- 44. DOE N 206.4, Personal Identity Verification Program
- 45. Fiscal Year 1994 National Defense Authorization Act, Section 3155 (Public Law 103-160)
- 46. 10 CFR Part 820, Procedural Rules for DOE Nuclear Activities
- 47. 10 CFR Part 824, Procedural Rules for the Assessment of Civil Penalties for Classified Information Security Violations
- 48. 10 CFR Part 830, Nuclear Safety Management Subpart A, Quality Assurance
- 49. 10 CFR Part 851, Worker Safety and Health Program
- 50. 10 CFR Part 1021 National Environmental Policy Act Implementing Procedures, Subpart B -- DOE Decision-making, §1021.216 Procurement, financial assistant, and joint ventures.
- 51. 15 CFR Part 744, Department of Commerce, Export Control Regulations
- 52. 41 CFR Part 101, Federal Property Management Regulations
- 53. 41 CFR Part 101-42 Utilization and Disposal
- 54. 41 CFR Part 102, Federal Management Regulations

- 55. 41 CFR Part 109, Department of Energy Property Management Regulations, 109–1.100–51 Definition of High Risk Personal Property
- 56. 41 CFR Part 109, Department of Energy Property Management Regulations, 109-43.307-51 Classified Property Requirements, 109-42.1102-51(b)
- 57. 41 U.S.C. 15, Transfers of contracts; assignments; assignee not subject to reduction or setoff
- 58. 49 CFR Part 100-180 and 350-399, Transportation

DOE POLICIES AND ADDITIONAL REFERENCE DOCUMENTS

- 1. Secretary Richardson's Announcement of the Moratorium DOE News Release "Energy Secretary Richardson Blocks Nickel Recycling at Oak Ridge" (January 12, 2000)
- 2. Secretary Richardson's Memorandum on Suspension Memorandum for Heads of Departmental Elements from Secretary Bill Richardson: "Release of Surplus and Scrap Materials" (July 13, 2000)
- 3. Memorandum for Assistant Secretary James A. Rispoli from Deputy Assistant Secretary Frank Marcinowski: "Request approval to develop an acquisition and implementation strategy to release radiologically-contaminated nickel in controlled radiological applications." (September 26, 2006)
- 4. International Atomic Energy Agency (IAEA) Safety Standard Series: Application of the Concepts of Exclusion, Exemption and Clearance, Safety Guide No. RS-G-1.7, Table 2 Values of Activity Concentration for Radionuclides of Artificial Origin in Bulk

Exhibit 3 – BUYER DELIVERABLES

No.	Description	Due Date	DOE Approval	Sales Agreement Clause
1	Schedule for Approval of necessary Licenses, Permits and Authorizations.	Date of proposal submittal (include with proposal)	N/A	Article X
2	End-Use Certificate (DOE F 580.1) for Lots 1 & 2	Date of proposal submittal (include with proposal)	Organizational Property Management Officer (OPMO), at contract award	Article XI.B
3	Security Plan (for Lots 1 and 2)	No later than 45 business days after award.	ORO, no later than 45 business days after submittal	Article XVIII
4	Inventory Control Plan (for Lots 1 and 2)	No later than 45 business days after award	Contracting Officer, no later than 45 business days after submittal	Article XI.B
5	Transportation Plan (for Lots 1 and 2)	No later than 45 business days after award	ORO & PPPO, no later than 45 business days after submittal	Article V.E
6	In the case where Buyer operates under DOE's regulatory authority, DOE Directive Implementation documents (Health & Safety Plan, Quality Assurance Plan, Waste Management Plan, etc), as defined in Interface Memorandum of Understanding (MOU)	No later than 45 business days after award	ORO & PPPO, no later than 45 business days after submittal	Articles VIII, XII
7	Interface MOU for Paducah	No later than 45 business days after award	PPPO, no later than 45 business days after submittal, and prior to initial delivery.	Article VIII.A
8	Interface MOU for Oak Ridge	No later than 45 business days after award	ORO, no later than 45 business days after submittal and prior to initial delivery.	Article VIII.A
9	Proof of Licenses and Permits	No later than 45 business days after award.	Contracting Officer	Article X
10	Proof of Performance Bond Purchase	No later than 15 business days after approval of Security	Contracting Officer, no later than 4 business days after receipt	Articles V.A, XI.B

No.	Description	Due Date	DOE Approval	Sales Agreement Clause
		Plan, Inventory Control Plan, and Transportation Plan by DOE		
11	Initial receiving/possession of nickel	No later than 180 calendar days after award. The buyer will take possession of the nickel after successful declassification and decontamination of the nickel. The declassification and decontamination process will be accomplished to the satisfaction of the cognizant DOE Program Office/Security Authority, who will act as the certifying official.	Contracting Officer, after certification by the cognizant DOE Program Office/Security Authority	Article V.B
12	Title Transfer	Upon certification of declassification and decontamination of the nickel. The buyer will receive title after successful declassification and decontamination of the nickel. The declassification and decontamination process will be accomplished to the satisfaction of the cognizant DOE Program Office/Security Authority, who will act as the certifying official.	Contracting Officer, after certification by the cognizant DOE Program Office/Security Authority	Article VII
13	Payment date for Sub- Lots	Within 5 business days after title transfer for Sub-Lot	N/A	Article VII
14	E-mail notification to DOE	Upon sending wire transfer	N/A	Article VII
15	End-Use Certificate for Any Subsequent Transfers (DOE F 580.1)	As required with each subsequent transfer	ОРМО	Article XI.B

Exhibit 4 – DOE Form 580.1, U.S. DEPARTMENT OF ENERGY END-USE CERTIFICATE (signed copy to be included at award)

DOE F 580.1 (Rev Date 05/03)			OMB Control Number 1910-5121
	U.	S. DEPARTMENT OF ENER (END-USE CERTIFICATE	GY
STATEMENT REQUIRED F High-Risk PROPERTY BEI FROM U.S. DEPARTMEN (DOE) CONTR (Please read Privacy A before completing this for space is required, use se and identify by Block TYPE OR PRINT ALL IN	NG RELEASED T OF ENERGY OL ct Statement m. If additional eparate sheets k Number)	AGENCY APPROVAL FOR SALE/TRANSFER OF NSG TRIGGER LIST/ DUAL USE ITEMS OR U.S. MUNITIONS LIST ITEMS: Administrator, National Nuclear Security Administration (NA-1)	Sale/Transfer Document Control Number
Principal Purpose(s): Routine Uses: Disclosure:	Determine appl programs and e Data may be di Justice for dete Services Admir Voluntary, howe	Privacy Act Statement DUSC 471; 50 USC 2411; 22 USC 2751; icant eligibility to participate in the DOE sensure that property recipients comply with sclosed to Department of State, Commer remining compliance with applicable laws sistration to determine presence of debarrance, failure to provide the requested information of Energy (DOE) surplus personales apply.	ales and/or non-Federal transfer the the terms of the sale or transfer. It the terms of the sale or transfer. It the terms of the sale or transfer. It the terms of the sale or transfer and regulations and to the General ment proceedings against a recipient. It the transfer mation may result in ineligibility

OMB Burden Disclosure Statement

Public recording burden for this collection of information is estimated to average 20 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Office of Records and Business Management (IM-11), Paperwork Reduction Project (1910-5121), U.S. Department of Energy, 1000 Independence Avenue, S.W., Washington, DC 20585, and to the Office of Management and Budget (OMB), Paperwork Reduction Project (1910-5121), Washington, DC 20503.

RETURN COMPLETED FORM TO THE OFFICE STATED ON THE INVITATION FOR BID (IFB), SOLICITATION, PROPOSAL, OR OTHER DOCUMENT FOR NON-FEDERAL TRANSFER OF TITLE OR POSSESSION.

INSTRUCTIONS. The purpose of this form is to clear you and/or your business to acquire High-Risk (HR) property being released from DOE control. This form must be fully completed by all applicants for HR property prior to acceptance by the U.S. Government and constitutes an integral part of this bid or transfer.

The following applies to all high-risk property subject to sale or non-federal transfer using this form: the use, disposition, export or re-export of this property is subject to the publications, penalties, or other provisions of the economic programs administered by the Office of Foreign Assets Control, U.S. Treasury Department, 31 CFR, Chapter V.

Please read the instructions associated with this form. It is your responsibility to fully complete and submit this form. The information given must be true and correct and will become a part of this contract. Each block MUST have an applicable entry. If you have already provided the requested information in a previous block, you may enter "SAME AS BLOCK X," citing the original block number. If the requested information does not apply to you, insert "NONE" or "NOT APPLICABLE" (do not use "N/A"). FAILURE TO COMPLETE OR PROVIDE REQUIRED INFORMATION COULD SIGNIFICANTLY DELAY OR DENY ANY SUBSEQUENT ACTIONS. If you need additional space, you may use separate sheets. The continuation sheet must include your name and block number relating to that specific block of information. For an applicant who is acting solely as an Agent, the Principal must sign this form. Return the form to the DOE office address shown in Block 38 of this form.

DOE F 580.1 (Rev Date 05/03)			OMB Control Number 1910-5121
The term Approving Official is used to indicate (OPMO) or Personal Property Official designa Suppliers Group (NSG) Trigger/Dual Use Lis National Nuclear Security Administration, (N release of the property. For all sales or nor information copy of this form to the Property E	ted by OPMO). For all sales t or the U.S. Munitions List [A-l], through the Office of n-federal transfers of High-l	or non-federal transfers of p , the Approving Official wi Export Control Policy and	roperty determined to be items on the Nuclear ill forward this form to the Administrator for Cooperation (NA-242), for approval before
	SECTION I. RECIPI	ENT INFORMATION	
Full Name (Last, First, Middle (include)	Aliases))	5. Social Security Nun	nber (SSN)
2. Place of Birth (City or County, State, C	ountry)	6. Alien Registration C	Card Number or Country ld. Number
3. Date of Birth (MM/DD/YYYY)	4. Telephone Number (Ir	ndude Area Code)	
7. Mailing Address		8. Physical Address	
Applicability: This statement applies to the	SECTION II. BUSIN e property for which we ha		r pursuant to the above identified invitation.
Business/Corporation Head	quarters	Branch	Office(s) Information
9. Name (Include Acronyms)		10. Name (Include Ac	ronyms)
11. Address (Physical Location) and Tele	phone Number	12. Address (Physical Location) and Telephone Number	
13. Type of Firm: Sole Prop	rietorship P	artnership	Corporation Other
14. Nature of End User's Business	15. Nature of Principa	l's Business 16.	FIRM'S Identification/Fed. Tax Number
17. All Corporate Officers, Directors, Part SSNs, dates and places of birth. Failure			
SECTION III. DE	SCRIPTION OF PROPE	RTY TO BE ACQUIRED	BY RECIPIENT
18. 19. 20.		21.	22. Section of 23. Category
Line Item Quantity	Description	ECCN on CCL	NSG on U.S.
If this is a negotiated exchange, identify the	SECTION IV. END USE/ ne property being exchange		
PURPOSE: THE PROPERTY REFERRED (Enter an "X" in the appropriate item(s) below	TO IN ABOVE SALE/ TF	RANSFER NUMBER WIL	
24. Retention for the following specifi	c use (See note):	25. Resold in the (See note):	form received for the following use
26. The property will not be sold or oth use outside of the United or to no in the United States.			may be re-exported in the form received ng country/countries:

DOE F 580.1 (Rev Date 05/03)	OMB Control Number 1910-5121
28. Resale after following alteration (description of final production):	29. If sold, name, address, and telephone number of sub-purchaser(s):
in (Country/Countries):	
and distribution in (Country/Countries):	
30. The customers are unknown at this time. If required by the the resale of any of the property covered by the contract.	contract/transfer document, I will obtain prior written approval for
31. ADDITIONAL INFORMATION: State any other material facts re in considering the proposal:	lating to end user and use of the property which may be of value
NOTE: EXAMPLE FOR SPECIFIC USES: AIRCRAFT - The bidd aircraft; as a non-flyable aircraft to be used only for parts, display,	
SECTION V. UNDERSTAND	ING AND NOTIFICATIONS
1. The use, disposition, export and re-export of property is subject to Export Control Act (22 USC 2751 et. seq.); Export Administration A Executive Order 12924; International Traffic in Arms Regulations (2730 et. seq.); Foreign Assets Control Regulations (31 CFR 500 et. other things, prohibit:	Act of 1979 (50 USC App. 2401 et seq.) continued under 22 CFR 120 et seq.); Export Administration Regulations (15 CFR
A. The making of false statements and concealment of any mater export of the property; and B. Any use, disposition, export or re-export of the property which	3 ,,,,,,,
 The submission of false or misleading information and/or conceaexport of property may constitute a violation of provisions of 18 US USC App. I-44. Sanctions for violations will be in conformity with U. Regulations) and may include the denial of U.S. export privileges a 	C 793/1001, 22 USC 277812779, 50 USC App. 2410, and 50 S. laws and regulations (including Federal Acquisition
3. The Sale/Transfer Document Number must be referenced when property to the Department of State or Department of Commerce, a determine what the applicable requirements may be and to obtain a	as appropriate. It is the responsibility of the purchaser/bidder to
4. Any export of High-Risk property identified on the NSG Trigger/D compliance with United States export control laws and regulations. transferred to any recipient. Subsequent recipients of DOE High-Ri Munitions List are subject to all export laws and regulations, and ne subsequent recipients.	This understanding must be conveyed if such items are isk property identified on the NSG Trigger/Dual Use List or U.S.
 Each time High-Risk property is transferred, the information rega all subsequent purchasers/receivers, regardless whether a U.S. or citizen/national or permanent resident of the United States of Amer other authorization, prior to transfer. Records of resale must remain 	foreign person. If subsequent purchaser/receiver is not a U.S. rica, seller/transferor must obtain a validated export license or
6. The Purchaser/Recipient agrees to cooperate with and to permit the existence and condition of export-controlled High-Risk property	
SECTION VI. CERTIFICATION STATES	MENT TO BE SIGNED BY RECIPIENT
1. I do certify that all information given in this statement is true and knowingly omitted any information which is inconsistent with this statement of the contract of sale/transfer with the U.S. Government. I agit to the Approving Official prior to effecting any change of fact or inte occurring before or after the release of the commodities, and not to the Approving Official.	atement. I understand this statement will be referred to and be a ree to submit a written request for amendment of this statement ntion from that stated herein or in any prior amendment, whether

DOE F 580.1 (Rev Date 05/03)	Of	MB Control Number 1910-5121
laws and regulations, and may not be exported an other authorization. This understanding must be of DOE High-Risk property identified on the NSG Tri regulations, and need to understand that this required. A. Should I transfer property to another U.S. cit understood this restriction and their certification the signature thereto and will provide a copy to the Agriculture thereto and will provide a copy to the Agriculture thereto and will provide a copy to the Agriculture thereto and will provide a copy to the Agriculture thereto and will provide a copy to the Agriculture thereto and will provide a copy to the Agriculture thereto and will provide a copy to the Agriculture thereto and will provide a copy to the Agriculture thereto and will provide a copy to the Agriculture thereto and the Agriculture thereto and the Agriculture thereto and the Agriculture thereto and the Agriculture the Agriculture thereto and the Agriculture the Agriculture thereto and the Agriculture the Agriculture thereto and the Agriculture thereto and the Agriculture the Agriculture thereto and the Agriculture thereto and the Agriculture th	sport of High-Risk property may be subject to the U.S. d, its export may require a valid State/Commerce Deponveyed if such items are transferred to any recipient. gger/Dual Use List or U.S. Munitions List are subject tirement shall be passed along to subsequent recipient zen/national or permanent resident, I will obtain their at they will place the same restriction on any subsequiproving Official. 201/2016/2017/2018/2019/2019/2019/2019/2019/2019/2019/2019	partment export license, or Subsequent recipients of o all export laws and ts. signature as having read and ent transfer and obtain ull compliance with United
120.27 since the effective date of the Arms Expor	rs nor partners are: convicted of violating any of the U.S. Criminal statutes Control Act, Public Law 94-329, 90 Statute 729 (June ense or other approval from any agency of the U.S. Go	30, 1976); or
4. The person signing this DOE Form 580.1 is		
a Citizen of the United States of America, of	or	
lawfully admitted to the United States Pern Nationality Act, as amended (8 USC 1101	nanent Residency and maintains such residence unde (a), 20, 60 Statute 163), or	r the Immigration and
a Citizen of	, and/or	
is an official of a foreign government entity	in the United States.	
	33. Signature	34. Date Signed
32. Name (Type or Print)	3	(MM/DD/YYYY)
	EPARTMENT OF ENERGY APPROVING OFFICIAL	
	EPARTMENT OF ENERGY APPROVING OFFICIAL	
35. Name (Type or Print) 36. 33. Address 39. 7	EPARTMENT OF ENERGY APPROVING OFFICIAL	(MM/DD/řYYY)
35. Name (Type or Print) 36. 33. Address 39. 7	EPARTMENT OF ENERGY APPROVING OFFICIAL Title 37. Telep Approving Official requires 40. Signal outification of resale/transfer of this property (see Section VI,	(MM/DD/řYYY)
SECTION VII. U.S. D 35. Name (Type or Print) 36. 38. Address 39. / 6 C E-Mail: SECTION VIII. CERTIFICATION STATEM	Approving Official requires 40. Signal of this property (see Section VI,A&B)	(MM/DD/ŤYYY) whone Number ature
SECTION VII. U.S. D 35. Name (Type or Print) 36.	Approving Official requires 40. Signal additional of resale/transfer of this property (see Section VI, 2.A&B) ENT TO BE SIGNED BY ANY U.S. CITIZEN/NATION HOLDER TO WHOM MATERIAL IS SOLD owledge having been advised that the High-Risk property on (date) , is controlled, given) to a non-U.S. citizen/National or non-Peri	(MM/DD/YYYY) whone Number ature AL/PERMANENT orty I have purchased/ rolled by the U.S.
SECTION VII. U.S. D 35. Name (Type or Print) 36. 1 38. Address 39. / E-Mail: SECTION VIII. CERTIFICATION STATEM RESIDENT I I	Approving Official requires 40. Signal additional of resale/transfer of this property (see Section VI, 2.A&B) ENT TO BE SIGNED BY ANY U.S. CITIZEN/NATION HOLDER TO WHOM MATERIAL IS SOLD owledge having been advised that the High-Risk property on (date) , is controlled, given) to a non-U.S. citizen/National or non-Peri	(MM/DD/YYYY) whone Number ature IAL/PERMANENT erty I have purchased/ rolled by the U.S. manent Resident without a their signature (1) as having on any subsequent transfer
SECTION VII. U.S. D 35. Name (Type or Print) 36. 1 38. Address 39. / E-Mail: SECTION VIII. CERTIFICATION STATEM RESIDENT I I	Approving Official requires Ap	IMM/DD/YYYY) Inhone Number Inture IMAL/PERMANENT Interval I have purchased/ rolled by the U.S. Imanent Resident without a Interval I have purchased/ rolled by the U.S. Imanent Resident without a Interval I have purchased/ rolled by the U.S. Imanent Resident without a Interval I have purchased/ rolled by the U.S. Imanent Resident without a Interval I have purchased/ rolled by the U.S. Imanent Resident without a Interval I have purchased/ rolled by the U.S. Imanent Resident without a I have purchased/ rolled by the U.S. Imanent Resident without a I have purchased/ rolled by the U.S. Imanent Resident without a I have purchased/ rolled by the U.S. Imanent Resident without a I have purchased/ rolled by the U.S. Imanent Resident without a I have purchased/ rolled by the U.S. Imanent Resident without a I have purchased/ rolled by the U.S. Imanent Resident without a I have purchased/ rolled by the U.S. Imanent Resident without a I have purchased/ rolled by the U.S. Imanent Resident without a I have purchased/ rolled by the U.S. Imanent Resident without a I have purchased/ rolled by the U.S. Imanent Resident without a I have purchased/ rolled by the U.S. Imanent Resident without a I have purchased/ rolled by the U.S. I have purchased/ ro

Exhibit 5 – PERFORMANCE BOND

The Buyer (XXX Company, LLC hereafter	DATE BOND EXECUTED (must be same or later
referred as XXX)	than date of subcontract)

PERFORMANCE BOND

(See Instructions on next page)

PRINCIPAL (Legal name and business address)	TYPR OF ORGANIZAT	TION ("X" one)
	☐ INDIVIDUAL PARTNERSHIP	
	☐ JOINT VENTURE CORPORATION	
	STATE OF INCORPOR	RATION
SURETY(IES) (Name(s) and business address(ies)	PENAL SUM BOND*	
	SUBCONTRACT DATE	SUBCONTRACT NO.

KNOW ALL MEN BY THESE PRESENTS, That we, the Principal and Surety(ies) hereto are firmly bound to the Buyer and to the United States of America (hereinafter called the Government) in the above penal sum (as adjusted by subcontract modifications) for the payment of which we bind ourselves, our heirs. executors, administrators, and successors, jointly and severally: Provided, That, where the Sureties are corporations acting as co-sureties, we, the Sureties bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be the full amount of the penal sum.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal entered into the subcontract identified above.

NOW, THEREFORE. if the Principal shall perform and fulfill all the undertakings, covenants, terms, conditions, and agreements of said subcontract during the original term of said subcontract and any extensions thereof that may be granted by the Buyer with or without notice to the Surety(ies), and during the life of any guarantee required under the subcontract, and shall also perform and fulfill all the undertakings, covenants, terms, conditions, and agreements of any and all duly authorized modifications of said subcontract that may hereafter be made, notice of which modifications to the Surety(ies) being hereby waived: and

IN WITNESS WHEREOF, the Principal and Surety(ies) have executed this performance bond and have affixed their seals on the date set forth above.

			PRINCIPLE			
Signatur	e(s)	1		2		Corporate Seal
			(Seal)		(Seal)	
Name(s)		1				
Title(s) (Typed)				2		
		INDI	VIDUAL SURE	ΓY(IES)		
		1		2		
Signatur	e(s)		, <u> </u>			
			(Seal)			(Seal)
Name(s) (Typed)		1		2		
		CORI	PORATE SURE	TY(IES)		
	Name & Address			State of Inc.	Liabilit	y Limit
Surety A	Signature					Corporate Seal
	Name(s) Title(s) (Typed)					

INSTRUCTIONS

- 1. The full legal name and business address of the Principal shall be inserted in the space designated "Principal" on the face of this form. The bond shall be signed by an authorized person and shall run for the life of the ownership. Where such person is signing in a representative capacity (e.g., an attorney-in-fact) but is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved, evidence of his authority must be furnished.
- 2.
- a. Corporations executing the bond as sureties must be among those appearing on the Treasury Department's list of approved sureties and must be acting within the limitations set forth therein. Where more than a single corporate surety is involved, their names and addresses (city and State) shall be inserted in the spaces. (Surety A, Surety B, etc., headed "CORPORATE SURETY(IES)", and in the space designated "SURETY(IES)" on the face of this form only the letter identification of the Sureties shall be inserted.
- b. Where individual sureties execute the bond, they shall be two or more responsible persons. A completed Affidavit of Individual Surety, for each individual surety shall accompany the bond. Such sureties may be required to furnish additional substantiating information concerning their assets and financial capability as the Buyer may require.
- 3. Corporations executing the bond shall affix their corporate seals. Individuals shall execute the bond opposite the word "Seal" and, if executed in Maine or New Hampshire, shall also affix an adhesive seal.
- **4.** The name of each person signing this performance bond should be typed in the space provided.

Exhibit 6 - Price, Quantity and Payment Tables

(to be filled in by the Buyer as part of the proposal)

Table 1, Sales Price

Lot No.	Estimated Quantity Weight (Tons Nickel)(Do Not Modify)	Price per pound (in USD)	Lot Price (in USD)	Lot Description
1	9,700 Paducah GDP	XXX Paducah GDP	\$	Paducah GDP Nickel
2	5,600 ETTP	XX ETTP	\$	ETTP Nickel
Total Price (in USD)		\$		

Sale is for both lots 1 & 2: no single lot sales agreements will be made.

Table 2, Receiving Dates

Lot Number	Sub-Lot Number	Estimated Receiving Quantity (in pounds)	Receiving Due Date
1	1.1		
1	1.2		
1	1.3		
1	etc.	etc.	etc.
2	2.1		
2	2.2		
2	etc.	etc.	etc.

- Note: Insert additional rows as needed.
- A reasonable timeframe for receiving of all of the material is one (1) year from the date of initial receipt (i.e., Sub-Lot Number 1.1).

Table 3, Schedule for Title Transfer and Payment

Sub-Lot Number (from Table 2)	Title Transfer/ Invoice Date	Payment Date	Price per Pound (in USD) (from Table 1)	Estimated Receiving Quantity (in pounds)	Estimated Payment (in USD)
1.1					
1.2					
1.3	Etc.	etc.	etc.	etc.	etc.
2.1					
2.2					
etc.	Etc.	etc.	etc.	etc.	etc.

* Note: Insert additional rows as needed.

Exhibit 7 – COMMUNITY COMMITMENT PLAN

(to be completed by the Buyer as part of the proposal)

List of Attachments

- Attachment 1 Proposal Instructions
- Attachment 2 Agreement Execution Documents
- Attachment 3 Competitive Award Decision Factors
- Attachment 4 Buyer Experience and Past Performance Reference Information Worksheet
- Attachment 5 Buyer Past Performance Letter & Questionnaire

ATTACHMENT 1 - PROPOSAL INSTRUCTIONS

1. Proposal Preparation Instructions - General

NOTE: If there is any chance that any portion of your submission will be or may be classified, please read the instructions on Page A-11, Section 5.c. If a security incident were to occur, it will be thoroughly investigated.

a. This Solicitation requires the Buyer to submit three separate volumes of written proposal information. Page limitations are provided in the specific proposal instructions for each volume. Numbers of copies are shown below:

Proposal Volume	<u>Title</u>	Copies Required
Volume I	Offer and Other Documents	1 original, 5 copies,
		1 CD-ROM
Volume II	Technical Proposal	1 original, 5 copies,
	·	1 CD-ROM
Volume III	Price Proposal	1 original, 5 copies,
	·	1 CD-ROM

CD-ROMs shall be clearly labeled and contain files that can be read using Microsoft Office 2000. The CD-ROMs are provided for the convenience of the DOE. The written material constitutes the official Offer and proposal. In the event of a conflict, the written material takes precedence over the CD-ROM text.

- b. All pages of each volume shall be appropriately numbered and identified with the name of the Buyer. Any time a page limitation is specified, a page is defined as a single side. All pages of the proposal are to be submitted on 8 ½" x 11" sheets no fold-out sheets are allowed. Printing is to be on one side of paper only. Print type used in the text portions of the proposal shall be no smaller than size 12. Print type used in charts, graphs, figures and tables may be smaller than size 12, but must be clearly legible. Page margins (distance between the edge of the page and the body of the proposal) shall be 1-inch on the top, bottom, left, and right sides of the page. Those pages that exceed the limits set forth in this Attachment will not be considered in the evaluation (note: Tables of Contents, Lists of Figures, dividers, tabs, or similar inserts that do not provide any substantive information are not counted as a page).
- c. If a proposal exceeding the page limitation is received, the additional pages will not be read and evaluated by DOE. The pages exceeding the page limitation will be removed from the proposal.

- d. The original of the proposal shall contain signed originals of all documents requiring signature by the Buyer. Use of reproductions of signed originals is authorized in all other copies of the proposal.
- e. Proposals are expected to conform to all solicitation provisions and be prepared in accordance with the instructions and outline contained in this Attachment. The proposal information will be reviewed to ensure compliance by the Buyer with all aspects of this RFP. To aid in evaluation, proposals shall be clearly and concisely written, neat, indexed (cross-indexed as appropriate), and assembled logically. Extraneous, repetitious, or wordy submissions are not desired. Pages shall be sequentially numbered with the volume and page numbers and the name of the Buyer, the date, and solicitation number on each page. Failure to respond to, or follow the instructions regarding the organization and content of the technical proposal may result in the Buyer's proposal being deemed non-responsive.

2. Proposal Preparation Instructions – Cover Letter and Volume I, Offer and Other Documents

- a. <u>Cover Letter</u>. The cover letter shall include but not be limited to the following:
 - (1) The solicitation number;
 - (2) The name, address, telephone numbers, facsimile numbers, and electronic addresses of the Buyer;
 - (3) Names, titles, telephone numbers, facsimile numbers, and electronic addresses of persons authorized to negotiate with the Government on the Buyer's behalf in connection with this Solicitation:
 - (4) Name, title, and signature of person authorized to sign the proposal. Proposals signed by an agent shall be accompanied by evidence of that agent's authority;
 - (5) The name, address, telephone number, facsimile number, and electronic address of the individual in the Buyer's organization to be contacted, if necessary, during evaluation of the proposal;
 - (6) The complete formal name and address of the Buyer's organization and/or other participants to be used in any resulting contract. Provide Dun and Bradstreet LTD DUNS number for each organization and new entity if one is being created;

- (7) A statement that the Buyer grants to the Department of Energy or its authorized representatives, the right to examine, for purposes of verifying the information submitted, those books, records, documents, and other supporting data that will permit adequate evaluation; and this right may be exercised in connection with any such reviews deemed necessary by the Government.
- b. **Volume I, Offer and Other Documents**. There is no page limitation to Volume I. Volume I shall include the following (in the order listed):
 - (1) Complete, sign, and submit the cover page of this Agreement, Sale of Government Property Negotiated Sales Agreement.
 - (2) Complete, sign and submit all Agreement Execution Documents provided at Attachment 2. If the Buyer has completed On-line Representations and Certifications electronically, via the Online Representations and Certifications Application (ORCA) website, the Buyer may choose to include the paragraph below in its proposal instead of completing the Agreement Execution Documents, Attachment 2, Sections (2), (3), (4), and (5).

The Buyer has completed the annual representations and certifications electronically via the ORCA website at http://orca.bpn.gov. After reviewing the ORCA database information, the Buyer verifies by submission of the offer that the representations and certifications currently posted electronically have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this sale, as of the date of this offer and are incorporated in this offer by reference; except for the changes identified below [Buyer to insert changes, identifying change by clause number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

- (3) The Buyer shall include in its proposal a plan for the community commitment activities it intends to undertake at the East Tennessee Technology Park (ETTP) in Oak Ridge, Tennessee, and the Paducah Gaseous Diffusion Plant (GDP) in Paducah, Kentucky (see Article XXVI Community Commitment). This plan will become part of the final Sales Agreement as Exhibit 7.
- (4) The Buyer shall submit copies of the most recent income statement, balance sheet, and list of credit references for the company and any other documentation that will verify the

financial level of business transactions or other evidence of financial responsibilities.

- (5) Buyers are required to submit documentation that identifies/establishes the clear organizational and financial relationships with parent and affiliated entities, including any foreign ownership. Such documentation includes, but is not limited to: articles of incorporation, agreements, and financial statements for all affected parties. The Seller will conduct, as necessary, background and security investigations with appropriate government agencies. Foreign ownership, by itself, does not preclude or disqualify a Buyer from obtaining award of a Sales Agreement resulting from this Request For Proposal.
- 3. Proposal Preparation Instructions Volume II, Technical Proposal. The technical volume is limited to 50 pages. Proposals will be evaluated based on the following technical Pass/Fail Criteria and Competitive Award Decision Factors:

a. PASS/FAIL CRITERIA

The Buyer must demonstrate that the following conditions will be met prior to initial delivery.

- (1) Provide evidence of, and describe, the Buyer's current authorization or ability to obtain authorization by DOE to possess and process classified (confidential-restricted data) material at a DOE (safeguards and security) approved facility. The lack of such authorization makes the offer unacceptable for an award without discussions. If authorization will not be approved and effective on the day of proposal submittal, provide a detailed, resource-loaded Primavera schedule outlining activities required to obtain such authorization prior to initial delivery.
- (2) Describe and provide evidence of the Buyer's NRC (or Agreement State) license or authorization by DOE to possess and process contaminated material. The lack of such authority makes the offer unacceptable for an award without discussions. If licenses, permits and authorizations will not be approved and effective on the day of proposal submittal, provide a detailed, resource-loaded Primavera schedule outlining activities required to obtain such license or authority prior to initial delivery.

b. COMPETITIVE AWARD DECISION FACTORS

(1) Technical Approach, Domestic, and International Controls

The Buyer shall demonstrate a thorough understanding of the requirements of the Sales Agreement, as well as demonstrate its capabilities to perform these requirements.

Describe the proposed approach, plan and schedule to complete the disposition of the nickel material. Describe what facility authorization, licenses, permits and approvals are required, and how the Buyer will obtain and use these to meet the proposed schedule. The approach shall include:

Declassification and Decontamination of the nickel (Steps 1 and 2):

NOTE: Steps 1 and 2 must be performed in the United States.

- Delivery of 15,300 tons of classified, contaminated nickel;
- transportation of the nickel ingots and shredded nickel from their respective storage locations to a DOE-approved processing facility to resize, declassify and decontaminate the nickel (include the size, location and type of facility(ies));
- application of regulatory requirements (e.g., Title 10 of the Code of Federal Regulations and respective DOE Orders and directives), facility authorization, NRC (or Agreement State) license (or DOE's authorization) during declassification and decontamination (See Article VII.C);
- the resizing declassification and decontamination/purification procedures at a DOE (safeguards and security) approved facility;
- the expected quality of the product at each step; <u>NOTE: After Step 2</u>, the residual radioactivity on the nickel shall meet International Atomic Energy Agency (IAEA) clearance levels, e.g., Technetium-99 less than 27 pCi per gram or 0.00000000027 Ci/g.
- title transfer of the nickel. The declassification and decontamination process will be accomplished to the satisfaction of the cognizant DOE Program Office/Security Authority, who will act as the certifying official.;
- projected schedule for complete delivery, transportation, declassification and decontamination of the nickel (a reasonable timeframe to complete delivery of all the material is one (1) year).

Manufacturing, End-Use and Disposal (Steps 3-5):

- application of regulatory requirements (e.g., Title 10 of the Code of Federal Regulations and respective DOE Orders and directives), NRC (or Agreement State) license (or DOE's authorization) in manufacturing, End-Use, and Disposal;
- alloying, fabrication, end-use and disposal of manufactured products; NOTE: Steps 3, 4, and 5 could be performed outside the United States if equivalent radiological protection is assured.
- the expected quality of the product at each step, the alloying plan;
- processing and fabrication of the nickel into a composition and form (include the size, location and type of alloying, equipment and fabrication facility(ies));
- o projected schedule to alloy and/or fabricate;
- o the alloying and/or fabrication procedures;
- the expected end product(s);
- deployment of the end-product in accordance with the Sales Agreement requirements (include the size, location and type of end-use facility(ies));
- functions and design life of the end-product(s));
- disposal of end product(s) and any nickel-containing items in a DOE-approved, regulated disposal facility(ies);
- projected schedule for alloying, fabrication, manufacture, deployment of end product(s), and disposal of the end product(s).

Describe the proposed approach, plan, and schedule to establish perpetual domestic regulatory and administrative control of the nickel material (Article XI). Describe how the operation of any required facilities will be under an NRC (or Agreement State) activity/location-specific license or in accordance with DOE authorization (e.g., CFRs, DOE Orders, DOE policies). Describe how perpetual inventory control and chain-of-custody control will be accomplished for the initial Buyer and any and all subsequent recipient(s). Describe the processes, systems and procedures for tracking and reporting of the nickel, from initial purchase until the end product is disposed of in a regulated facility. Describe approach to inventory reporting and tracking, domestic inventory verification, inventory control, chain-of-custody control, oversight and performance enforcement, for initial Buyer and any and all subsequent recipient(s) (e.g., Buyer's use of performance bonding for subsequent recipient(s)).

If applicable, describe the proposed approach, plan and schedule to establish perpetual international regulatory and administrative

control of the nickel material in an IAEA-member State. Describe, after obtaining a State/Commerce Department export license, how the operation of any required facilities will be in accordance with the IAEA activity/location-specific license. Describe in detail how to ship the material overseas for fabricating, equipment manufacturing, end use, and/or disposal. Identify an equivalent foreign agency that will provide DOE/NRC (or Agreement State) equivalent oversight over the material. Describe how perpetual inventory control and chain-of-custody control will be accomplished for any and all subsequent recipient(s). Describe the processes. systems and procedures for tracking and reporting of the nickel, from the first foreign recipient until the end product is disposed of in a regulated facility. Describe approach to inventory reporting and tracking, domestic inventory verification, inventory control, chain-ofcustody control, oversight and performance enforcement, for initial Buyer and any and all subsequent recipient(s) (e.g., Buyer's use of performance bonding for subsequent recipient(s)).

In order to provide DOE confidence that the technical approach will be completed as proposed, the Buyer shall describe the business management systems and resources used to execute the technical approach, as well as demonstrate the Buyer's capabilities to utilize these systems. Describe the Buyer's project management approach and business systems (technical, schedule (including a summary Gantt Chart and Logic Network), change management, organizational management structure, work scope risks and uncertainties (including approach for elimination, avoidance and mitigation), Work Breakdown Structure). Describe key facilities, equipment, and interfaces that will be a part of the Interface MOU (Article VIII).

(2) Extent to Which End Use Achieves DOE Missions

Describe how end uses for products (in radiologically-controlled applications) achieve DOE Missions.

The following are characteristics of end uses that are preferred. These five (5) characteristics are listed in no order of importance or preference: (a) enhance electricity storage; (b) improve the U.S. electrical distribution system; (c) regulate peak load frequency; (d) modernize the U.S. energy infrastructure, (e) ensure the productive and optimal use of energy resources while limiting environmental impact.

Other characteristics of end uses that achieve DOE Missions, include (in no order of importance or preference): provide safe,

efficient, and effective nuclear power plants for the U.S. Navy as one of the Department's overriding national security priorities; develop new nuclear energy generation technologies; develop advanced, proliferation-resistant nuclear fuel technologies that maximize energy from nuclear fuel; and maintain and enhance the U.S. nuclear technology infrastructure; protecting the environment and the public by cleaning up contaminated DOE sites and disposing of radioactive waste safely, and properly handling/storing legacy wastes, safely manage and dispose of U.S. spent nuclear fuel and high-level radioactive waste in a manner that protects health, safety and the environment and merits public confidence, including, but not limited to, the safe and secure transport of nuclear waste to a geologic repository.

(3) Environmental, Safety and Health (ES&H)/Quality Assurance (QA)

In order to provide DOE confidence that the requirements of the Sales Agreement will be completed safely and in accordance with ES&H and QA requirements, the Buyer shall describe its capabilities to plan, conduct, staff, and execute all activities under this Sales Agreement in a safe manner consistent with Integrated Safety Management and QA principles. The Buyer shall identify major environmental, safety and health concerns. Describe roles, responsibilities, authorities, and accountability for an Integrated Safety Management System (ISMS) and a Quality Assurance program (consistent with, or equivalent to, 10 CFR 830 Nuclear Safety Management, Subpart A, Quality Assurance Requirements, DOE O 414.1C, Quality Assurance, DOE-EM, DOE Environmental Management, Quality Assurance Program Description, Revision 1, and ASME NQA-1-2004 (or latest edition and addenda), Quality Assurance Requirements for Nuclear Facility Applications, as the national consensus standard for work scope implementing QA Criteria of 10 CFR 830 Subpart A and O 414.1C) in every part and level of the Buyer's organization (e.g., including team members and subcontracts).

(4) Experience and Past Performance

The Buyer shall provide information for three contracts/sales agreements/projects completed within the last three years or current contracts/sales agreements/projects that are similar in size, scope, and complexity to that in this Sales Agreement. Size is defined as dollar value and duration. Scope is defined as the type of work (e.g., melting and/or resizing to declassify, using carbonyl or electro-winning process to decontaminate, etc.). Complexity is defined as performance challenges (e.g., regulatory controls, types

of materials and waste, integration and coordination with other DOE or other government contractors and/or integration and coordination with stakeholders). These may be Federal, State, or local governments and/or private entities. The Buyer shall describe for each its experience in the areas of: Resizing and Declassification; Decontamination/Purification; Alloying, Fabrication and Equipment Manufacturing; Beneficial End Use of Manufactured Products in Radiologically-Controlled Applications: Disposal of Manufactured Products; environment, safety, and health programs; interfacing with local. State and Federal governments, regulatory agencies, the community and other stakeholders. The Buyer shall include the following information for each contract/sales agreement/project: contract number/sales agreement number/project identifier; issuing entity; cost/price; contact name, address, and phone number; scope of contract/sales agreement/project and duration of contract/sales agreement/project. The Buver shall provide specific examples of quality and extent of its experience, identified by team member when applicable. If the Buyer proposes to have portions of the work performed by an entity(ies) other than itself, the Buyer shall provide the identity of the other entity(ies), the section(s) of the Sales Agreement to be performed by that entity(ies) and relevant information concerning the experience of the entity(ies).

In order to provide DOE confidence that the Buyer has the capability to complete the requirements of the Sales Agreement, the Buyer shall describe past performance (how well, from the customers' viewpoint, the Buyer has performed) information for the Buyer and team members for contracts provided under Experience above. For each of the contracts/sales agreements/projects, the Buyer shall submit the past performance information as shown in Attachment 4, Buyer Past Performance Reference Information Worksheet. The Buyer may attach additional pages, if necessary. In addition, the Buyer shall forward Attachment 5, Buyer Past Performance Letter and Questionnaire, for each sales agreement, contract or project cited above to the appropriate point of contact for that contract or project. The point of contact for each contract or project should complete, mail or hand-carry (NOT EMAIL) the questionnaire to the Contracting Officer identified in Attachment 1, Section 5 Submittals prior to the closing date of the RFP are acceptable. The Sales Agreement, contract or project information provided to the point of contact for completion of the questionnaire must be sufficient to enable cross-referencing of Attachment 4 and the returned questionnaires.

4. Proposal Preparation Instructions – Volume III, Price Proposal. There is no page limitation to the Price Proposal.

The Buyer shall include a copy of the Schedule - Pricing Information – Nickel in Volume III. The Buyer must include both Lot 1 and Lot 2 in its proposal. No single lot sales agreements will be made.

The Buyer shall complete Tables 1, 2 and 3 of Exhibit 6. "Lot 1 Price" is defined as the total of the "Estimated Quantity Weight" (converted to pounds) of the Paducah GDP Nickel times the "Price per pound" of the Paducah GDP Nickel. The "Lot 2 Price" is defined as the total of the "Estimated Quantity Weight" (converted to pounds) of the ETTP Nickel times the "Price per pound" of the ETTP Nickel. The Buyer's total proposed Sales Price means the arithmetic sum of the Proposed Sales Price for Lot 1 plus the Proposed Sales Price for Lot 2. This Total Price will be used for price evaluation purposes. The sum of the Estimated Quantity of Delivery in Tables 2 and 3 must equal the Estimated Quantity Weight by Lot in Table 1, and the sum of the Estimated Payments in Table 3 must be equal to the respective Lot Prices in Table 1.

5. Proposal Delivery and Package Markings

- a. Email or facsimile proposals will not be accepted.
- b. Proposals shall be received by 3:00 pm Eastern Time, <<<<DRAFT RFP NO PROPOSALS WILL BE ACCEPTED AT THIS TIME>>>>. The DOE will use the US Naval Observatory Master Clock Time to establish the time of proposal receipt. Proposals must be submitted by mail, express mail, or hand delivered enclosed in a sealed envelope and addressed as follows:

FROM:

SEND TO:

The U.S. Department of Energy (DOE)
Environmental Management Consolidated Business Center (EMCBC)
250 E. Fifth Street, Suite 500
Cincinnati, Ohio 45202

NOTICE TO DOE MAIL ROOM: DO NOT OPEN.
THIS IS A PROPOSAL UNDER THE ABOVE-IDENTIFIED SOLICITATION

Classified submissions must be handled in accordance with Section 5 c. below. The unclassified portion of a proposal submission should be sent to the Contracting Officer identified above.

c. Classified Submissions:

Please do NOT send packages that might contain potentially-classified information to the addresses in Cincinnati or Germantown. If there is ANY possibility of submitting a potentially-classified document, please follow the instructions below. In addition, any classified or potentially-classified communications must be made in writing.

How to have a document reviewed for classification:

If you have any questions, please contact Larry Sparks, Acting ORO Classification Officer at (865) 576-2659, or SparksLM@oro.doe.gov for assistance and to avoid a security incident.

- 1. All portions of responses and proposals (Documents) that are or have a potential to be classified must be prepared in environments certified by DOE for the appropriate combinations of classification level and category as stated in classified briefing you attended. Any automated data processing/computer systems utilized to compose the document(s) must meet DOE requirements for security.
- 2. The submitted documents must be on paper.
- A correctly filled out "Document-undergoing-classification-review cover sheet" (see next page) must be placed in front of the documents.
- 4. On top of the assembly created in item 3, above, and behind it, Standard Form 704 red "Secret" cover sheets should be placed. The rear cover sheet faces outward.
- 5. A transmittal letter must accompany the documents assembled in item 4 above. The entire package must be placed inside an opaque envelope (**inner envelope**) and addressed as follows:

Inner Envelope: U.S. Department of Energy

Oak Ridge Office Attn: Larry Sparks

Acting Classification Officer, OS-203

P.O. Box 2001

Oak Ridge, TN 37831

6. **Tape the seams of the inner envelope.** The inner envelope must be placed inside a second opaque envelope, (**outer envelope**) and addressed as follows*:

Outer Envelope: U. S. Department of Energy

Oak Ridge Office Attn: Central Library P.O. Box 2001

Oak Ridge, TN 37831-8764

*Do **NOT** place the name of the receiver on the outside of the package.

7. The package will then need to be sent by U.S. Postal Service as **Registered Mail**.

Sample "DRAFT—Document Undergoing Classification Review" Cover Sheet

	CRET/ CONFIDENTIAL ppropriate Classification Indicated Circle One)
Protect This Docum	ng Classification Review ent At the Classification y Marked on This Page
то:	
FROM:	
DATE:	Instructions for Use of this Ferm (You do not need to be an Authorized Classifier to use this Form)
This document contains Restricted Data as defined in the Atomic Energy Act of 1964. Unauthorized disclosure subject to Administrative and Criminal Senctions.	 Circle the highest estimated classification level at the top and bottom of this page (strike only one level). Circle the Restricted Date or Formaty Restricted Date Warning Notice (only linguistatio). NOTE: Network Security interrestate decuments should have only the estimated classification level circled. Sill in "To," From" and "Date" lines.
Circle One (If Applicable) NOTE: Netional Security (information documents should have only the estimated classification level circled.	4. Place this form on top of the document peopling classification system, and place an appropriate convenient (SF-703 for Top Secret, SF-704 for Secret, or SF-705 for Confidential) on top of this page. Note: 1: Decument attached hereto may contain classified information and mayor may not contain any classification matchings. It must be protected as marked on this page. This cover page risk.
FORMERLY RESTRICTED DATA Unauthorized Disclosure Subject to Administrative and Criminal Senctions. Nandle as Restricted Data in Foreign Dissemination. Section 144 b., Atomic Energy Act 1984.	remain with the document until a final describation determination has been made and the document has been appropriately marked by an Authorized Clearlier. Note: 2: Top Secret documents must be hard varied or notified through an authorized courier. Use of any type nell or express mall service for Top Secret metter is prohibited. Transmitted of described matter must be in apportance with DOE Orders.
Unauthorized Disclosure Subject to Administrative and Criminal Sanctions: Handle as Restricted Data in Foreign Dissemination.	by an Authorized Cleanifer. Note 2: Top Secret documents must be hard seriled or route through an authorized courier. Use of any type nell or exprese me service for Top Secret metter is prohibited. Transmittel of dissolfe

6. Proposal Acceptance

The Buyer agrees, if its proposal is accepted by the Seller, to purchase all nickel in Lot 1 and Lot 2, at the unit price proposed and to make payment and take delivery of the material within the time specified in Tables 2 and 3.

7. Buyer's Agent

Unless a designation of agent is on file with the DOE, a Buyer submitting a proposal as an agent for another party shall submit written proof, either prior to or with the proposal, that it is authorized to act as agent and shall tender the proposal in the name of the principal.

8. Contents of Sales Agreement

Any Sales Agreement resulting from this RFP will contain the Schedule, Articles, and Exhibits, and incorporate by reference Attachment 2 - Agreement Execution Documents.

9. Minimum Proposal Quantity

The minimum proposal quantity shall be both Lot 1 (Paducah GDP) and Lot 2 (ETTP). A proposal for less than both Lots shall be considered non-responsive and will not be further considered for award.

10. Late Submissions, Modifications, and Withdrawals of Proposals

- a. Buyers are responsible for submitting proposals, and any revisions, and modifications, so as to reach the DOE office designated in the solicitation by the time specified in the solicitation. Buyers may use any transmission method authorized by the solicitation (e.g., United States postal service, express mail, hand delivered).
- b. (1) Any proposal, modification, or revision, that is received at the designated DOE office after the exact time specified for receipt of proposals is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late proposal would not unduly delay the sale and:
 - There is acceptable evidence to establish that it was received at the DOE installation designated for receipt of proposals and was under the DOE's control prior to the time set for receipt of proposals; or
 - ii. It was the only proposal received.

- (2) However, a late modification of an otherwise timely successful proposal, that makes its terms more favorable to the DOE, will be considered at any time it is received and may be accepted.
- c. Acceptable evidence to establish the time of receipt at the DOE installation includes the time/date stamp of the installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of DOE personnel.
- d. If an emergency or unanticipated event interrupts normal DOE processes so that proposals cannot be received at the Government office designated for receipt of proposals by the exact time specified in the solicitation, and urgent DOE requirements preclude amendment of the solicitation closing date, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal DOE processes resume.
- e. A Buyer may withdraw its proposal by written notice at any time before award. Proposals may be withdrawn in person by a Buyer or an authorized representative, if the identity of the person requesting withdrawal is established and the person signs a receipt for the proposal before award.
- f. Buyers may submit modifications to their proposals at any time before closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.
- g. The Contracting Officer will promptly notify any Buyer if its proposal, modification, or revision was received late, and will inform the Buyer whether its proposal will be considered, unless contract award is imminent.

11. Consideration of Proposals

The Seller reserves the right to accept any proposal as may be in the best interest of the Seller.

12. Responsiveness of Proposals

a. Any Buyer that does not include the cover page of this Negotiated Sales Agreement fully executed (completed and signed) may be rendered non-responsive.

b. Proposals in response to this solicitation must be compliant with all material terms, including payment dates and delivery dates, conditions, and provisions to be considered responsive.

13. Sales Agreement Award

- a. A written award or acceptance of an Agreement signed by the Contracting Officer and furnished to a successful Buyer within the time specified for acceptance shall result in a binding contract incorporating all the terms and conditions of this Request for Proposal (RFP).
- b. The Seller reserves the right to award to the next Buyer(s) in line for award if the Buyer issued the Sales Agreement cannot perform after receipt of award.

14. Proposal Costs

This RFP does not commit the Seller to pay any costs incurred in the preparation or submission of any proposal.

15. Central Contractor Registration (CCR)

By submission of a proposal the Buyer acknowledges the requirement that it shall be registered in the CCR database prior to award, during performance, and through final performance of the Sales Agreement resulting from this Request for Proposal. Processing time for CCR registration, which normally takes 48 hours, should be taken into consideration when registering. Buyers who are not registered should consider applying for registration immediately upon receipt of this Request for Proposal.

DRAFT SALES AGREEMENT DE-SC30-09CC40098 ATTACHMENT 2 – AGREEMENT EXECUTION DOCUMENTS

Complete, sign and submit all of the below Agreement Execution Documents with your proposal (Reference Proposal Instructions at Attachment 1):

- 1. DOE Form 580.1, "U.S. Department of Energy End-Use Certificate"
- 2. Certificate of Independent Price Determination
- 3. Certification Regarding Debarment, Suspension, Proposed Debarment, Environmental Compliance, and Other Responsibility Matters
- 4. Type of Business Organization
- 5. Size of Business
- 6. Persons Authorized to Negotiate
- 7. Restriction on Disclosure and Use of Data
- 8. Facility Clearance
- 9. E-FOCI Electronic Processing (Foreign Ownership Control and Influence)

1. DOE Form 580.1, "U.S. Department of Energy End-Use Certificate" (See Exhibit 4). A "fillable" version of the certificate may be located at: http://www.directives.doe.gov/pdfs/forms/5801.pdf

2. Certificate of Independent Price Determination

- a. The Buyer certifies that:
 - (1) The prices in this proposal have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other Buyer or competitor relating to (i) those prices, (ii) the intention to submit an proposal, or (iii) the methods or factors used to calculate the prices;
 - (2) The prices in this proposal have not been and will not be knowingly disclosed by the Buyer, directly or indirectly, to any other Buyer or competitor before contract award unless otherwise required by law; and
 - (3) No attempt has been made or will be made by the Buyer to induce any other concern to submit or not to submit a proposal for the purpose of restricting competition.
- b. Each signature on the proposal is considered to be a certification by the signatory that the signatory:
 - (1) Is the person in the Buyer's organization responsible for determining the prices being proposed, and that the signatory has not participated and will not participate in any action contrary to subparagraphs a.(1) through a.(3) above; or
 - (2) (i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to subparagraphs a.(1) through a.(3), above

(insert full name of person(s) in the Buyer's organization responsible for determining the prices proposal, and the title of his or her position in the Buyer's organization);

(ii) As an authorized agent, does certify that the principals named in subdivision b.(2)(i) above have not participated, and will not participate, in any action contrary to subparagraph a.(1) through a.(3) above; and

- (iii) As an agent, has not personally participated, and will not participate, in any action contrary to subparagraphs a.(1) through a.(3) above.
- c. If the Buyer deletes or modifies subparagraph a.(2) above, the Buyer must furnish with its proposal a signed statement setting forth in detail the circumstances of the disclosure.
- 3. Certification Regarding Debarment, Suspension, Proposed Debarment, **Environmental Compliance, and Other Responsibility Matters**
- (1) The Buyer certifies, to the best of its knowledge and belief, that a. (i) The Buyer and/or any of its Principals -(A). Are \square are not \square presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency. (B). Have \square have not \square within a three-year period preceding this proposal, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of proposals; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property; and (C). Are \square are not \square presently indicted for, or otherwise criminally or civilly charged by governmental entity with, commission of any of the offenses enumerated in subdivision a. (1)(i)(B) of this provision. (D). Are \square are not \square presently indicted for or otherwise criminally or civilly charged by Federal, state or local entity with violation of any environmental laws: (E). Have \square have not \square within the three-year period preceding this proposal, been convicted of or had a civil judgment rendered against them for violation of a Federal, state or local environmental statute or regulation.
 - (2) "Principals," for the purposes of this certification, means officers; directors; owners; partners; and, persons having primary management or supervisory responsibilities within a business entity (e.g., general

(i) The Buyer has □ has not □, within a three-year period

default by any Federal agency.

preceding this proposal, had one or more contracts terminated for

manager; plant manager; head of a subsidiary, division, or business segment, and similar positions).

(3) If the Buyer answers affirmatively to anything in a.(1), above, the Buyer shall include in its proposal an explanation of the circumstances, including the outcome.

This certification concerns a matter within the jurisdiction of an agency of the United States and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under section 1001, Title 18, United States Code.

- b. The Buyer shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Buyer learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
- c. A certification that any of the items in paragraph a. of this provision exists will not necessarily result in withholding of an award under this Request. However, the certification will be considered in connection with a determination of the Buyer's responsibility. Failure of the Buyer to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Buyer non-responsible.
- d. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph a. of this provision. The knowledge and information of a Buyer is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- e. The certification in paragraph a. of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Buyer knowingly rendered an erroneous certification, in addition to the other remedies available to the Government, the Contracting Officer may terminate the Sales Agreement resulting from this solicitation for default.

4. Type of Business Organization

The Buyer represents that:

a.	It operates as □ a co	orporation incorporated under the laws of the State
	of	, ☐ an individual, ☐ a partnership, ☐ a nonprofit
	organization, or □a i	oint venture.

	 b. If the Buyer is a foreign entity, it operates as: □ an individual, □ a partnership, □ a nonprofit organization, □ a venture, or □ a corporation registered for business in(country). 			
	c	. If the Buyer is a corporation, it is: ☐ independent (not owned or controlled by another company), ☐ owned or controlled by(corporation/company) registered for business in(state/country).		
	C	. If the Buyer is owned or controlled by another, state the relationship (e.g., wholly owned subsidiary, etc.):		
	e	The Buyer agrees to provide additional information relating to the above representations if requested to do so by the CO.		
5.	Size	of Business		
a.	Rep	resentations:		
	(1) The Buyer represents as part of its offer that it □ is, □ is not a small business concern. If the Buyer represented itself as a small business concern in this paragraph continue to paragraph a.(2); If the Buyer represented itself as not a small business concern, then go to paragraph b.		
	(2) The Buyer represents, for general statistical purposes, that it □ is, □ is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.		
	(3) The Buyer represents as part of its offer that it □ is, □ is not a womenowned small business concern.		
	(4) The Buyer represents as part of its offer that it □ is, □ is not a veteranowned small business concern. If the Buyer represented itself as a veteran-owned small business concern in this paragraph continue to paragraph a.(5); If the Buyer represented itself as not a veteran-owned small business concern, then go to paragraph a.(6).		
	(5) The Buyer represents as part of its offer that is □ is, □ is not a service-disabled veteran-owned small business concern.		
	(6) The Buyer represents, as part of its offer, that –		

(i)	It □ is, □ is not a HUBZone small business concern listed, on
	the date of this representation, on the List of Qualified HUBZone
	Small Business Concerns maintained by the Small Business
	Administration, and no material change in ownership and
	control, principal office, or HUBZone employee percentage has
	occurred since it was certified by the Small Business
	Administration in accordance with 13 CFR part 126; and

(ii) It □ is, □ is not a joint venture that co	omplies with the
requirements of 13 CFR part 126, and	d the representation in
paragraph (a)(6)(i) of this provision is	accurate of the HUBZone
small business concern or concerns t	hat are participating in the
joint venture. [The Buyer shall enter the	he name or names of the
HUBZone small business concern or	concerns that are
participating in the joint venture:] Each HUBZone
small business concern participating i	
submit a separate signed copy of the	HUBZone representation.

b. Definitions. As used in this provision--

"Service-disabled veteran-owned small business concern"—

- (1) Means a small business concern—
 - (i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and
 - (ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.
- (2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern," means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and the size standard in paragraph (a) of this provision.

"Veteran-owned small business concern" means a small business concern—

- (1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and
- (2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern," means a small business concern --

- (1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and
- (2) Whose management and daily business operations are controlled by one or more women.

6. Persons Authorized To Negotiate

The Buyer represents that the following individuals are authorized to negotiate on its behalf.

Typed/Printed Name	Title	Telephone Number

7. Restriction on Disclosure and Use of Data

a.	Restriction on disclosure and use of data. Buyers that include in their
	proposals data that they do not want disclosed to the public for any purpose,
	or used by the Seller except for evaluation purposes shall complete the
	following:

(1) The following statement applies	YES _	NO:
-------------------------------------	-------	-----

"This proposal includes data that shall not be disclosed outside
the Government and shall not be duplicated, used, or disclosed
in whole or in partfor any purpose other than to evaluate this
proposal. If, however, a contract is awarded to this Buyer as a
result ofor in connection with the submission of this data, the
Government shall have the right to duplicate, use, or disclose the
data to the extent provided in the resulting contract. This
restriction does not limit the Government's right to use information
contained in this data if it is obtained from another source without
restriction. The data subject to this restriction is as follows (Buyer
Fill-In):

(2) Mark each sheet of data it wishes to restrict with the following legend:

"Use or disclosure of data contained on this sheet is subject to the restrictions identified at Attachment 2, Agreement Execution Documents. Restriction on Use of Data."

8. Facility Clearance

Buyers are required to undergo a Foreign Ownership Control and Influence (FOCI) review in order to acquire the personnel clearances necessary to work with the classified nickel scrap. Custodial responsibility and title for the metal would pass to the selected bidder(s) in accordance with contractual requirements. The requirements for the FOCI review include, but are not limited to, DOE O 470.1, Safeguards and Security Program; DOE O 471.2A, Information Security Program; DOE O 472.1B, Personnel Security Activities; DOE O 474.1A, Control and Accountability of Nuclear Materials; DOE O 5632.1C-1, Protection and Control of Safeguards and Security Interests.

A facility clearance and foreign ownership, control and influence (FOCI) information are required when the contract or subcontract to be awarded is expected to require employees to have access authorizations. Buyers who have either a Department of Defense or a Department of Energy facility clearance generally need not resubmit the following foreign ownership information unless specifically requested to do so. Instead, provide your DOE facility clearance code

or your DOD assigned commercial and government entity (CAGE) code. If uncertain, consult the office which issued this solicitation.

- (a) Use of certificate pertaining to foreign interests, Standard Form 328
 - (1) The contract work anticipated by this solicitation will require access to classified information or special nuclear material. Such access will require a facility clearance for the buyer organization and access authorizations (security clearances) for buyer personnel working with the classified information or special nuclear material. To obtain a facility clearance the buyer must submit a certificate pertaining to foreign interests, Standard Form 328, and all required supporting documents to form a complete foreign ownership, control or influence (FOCI) package.
 - (2) Information submitted by the buyer in response to the Standard Form 328 will be used solely for the purposes of evaluating foreign ownership, control or influence and will be treated by DOE, to the extent permitted by law, as business or financial information submitted in confidence.
 - (3) Following submission of a Standard Form 328 and prior to contract award, the buyer shall immediately submit to the contracting officer written notification of any changes in the extent and nature of FOCI which could affect the buyer's answers to the questions in Standard Form 328. Following award of a contract, the buyer must immediately submit to the cognizant security office written notification of any changes in the extent and nature of FOCI which could affect the buyer's answers to the questions in Standard Form 328. Notice of changes in ownership or control which are required to be reported to the Securities and Exchange Commission, the federal trade commission, or the department of justice must also be furnished concurrently to the cognizant security office.

(b) Definitions

- (1) Foreign interest means any of the following:
 - (i) a foreign government, foreign government agency, or representative of a foreign government;
 - (ii) any form of business enterprise or legal entity organized, chartered or incorporated under the laws of any country other than the United States or its possessions and trust territories; and

- (iii) any person who is not a citizen or national of the United States.
- (2) Foreign Ownership, Control, or Influence means the situation where the degree of ownership, control, or influence over a buyer by a foreign interest is such that a reasonable basis exists for concluding that compromise of classified information or special nuclear material may result.
- (c) Facility clearance means an administrative determination that a facility is eligible to access, produce, use or store classified information, or special nuclear material. A facility clearance is based upon a determination that satisfactory safeguards and security measures are carried out for the activities being performed at the facility. It is DOE policy that all buyers or subbuyers requiring access authorizations be processed for a facility clearance at the level appropriate to the activities being performed under the contract. Approval for a facility clearance shall be based upon:
 - (1) a favorable Foreign Ownership, Control, or Influence (FOCI) determination based upon the buyer's response to the ten questions in Standard Form 328 and any required, supporting data provided by the buyer;
 - (2) a contract or proposed contract containing the appropriate security clauses;
 - (3) approved safeguards and security plans which describe protective measures appropriate to the activities being performed at the facility;
 - (4) an established reporting identification symbol code for the nuclear materials management and safeguards reporting system if access to nuclear materials is involved;
 - (5) a survey conducted no more than 6 months before the facility clearance date, with a composite facility rating of satisfactory, if the facility is to possess classified matter or special nuclear material at its location;
 - (6) appointment of a facility security officer, who must possess or be in the process of obtaining an access authorization equivalent to the facility clearance; and, if applicable, appointment of a materials control and accountability representative; and
 - (7) access authorizations for key management personnel who will be determined on a case-by-case basis, and must possess or be in the

process of obtaining access authorizations equivalent to the level of the facility clearance.

- (d) A facility clearance is required prior to the award of a contract requiring access to classified information and the granting of any access authorizations under a contract. Prior to award of a contract, the DOE must determine that award of the contract to the buyer will not pose an undue risk to the common defense and security as a result of its access to classified information or special nuclear material in the performance of the contract. The contracting officer may require the buyer to submit such additional information as deemed pertinent to this determination.
- (e) A facility clearance is required even for contracts that do not require the buyer's corporate offices to receive, process, reproduce, store, transmit, or handle classified information or special nuclear material, but which require DOE access authorizations for the buyer's employees to perform work at a DOE location. This type facility is identified as a non- possessing facility.
- (f) Except as otherwise authorized in writing by the contracting officer, the provisions of any resulting contract must require that the buyer insert provisions similar to the foregoing in all subcontracts and purchase orders. Any subcontractors requiring access authorizations for access to classified information or special nuclear material shall be directed to provide responses to the questions in Standard Form 328, certificate pertaining to foreign interests, directly to the prime buyer or the contracting officer for the prime contract.

Notice to buyers - contents review (please review before submitting)

Prior to submitting the Standard Form 328, required by paragraph (a)(1) of this clause, the buyer should review the FOCI submission to ensure that:

- (1) the Standard Form 328 has been signed and dated by an authorized official of the company;
- (2) if publicly owned, the buyer's most recent annual report, and its most recent proxy statement for its annual meeting of stockholders have been attached; or, if privately owned, the audited, consolidated financial information for the most recently closed accounting year has been attached;
- (3) a copy of the company's articles of incorporation and an attested copy of the company's by-laws, or similar documents filed for the

company's existence and management, and all amendments to those documents;

- (4) a list identifying the organization's owners, officers, directors, and executive personnel, including their names, social security numbers, citizenship, titles of all positions they hold within the organization, and what clearances, if any, they possess or are in the process of obtaining, and identification of the government agency(ies) that granted or will be granting those clearances; and
- (5) a summary FOCI data sheet.

Note: A FOCI submission must be attached for each tier parent organization (i.e. ultimate parent and any intervening levels of ownership). If any of these documents are missing, award of the contract cannot be completed.

9. E-FOCI Electronic Processing

In furtherance of "8. Facility Clearance", and Attachment 1, Proposal Preparation Instructions, Buyers that do not possess a Department of Defense (DOD) or a Department of Energy (DOE) Facility Clearance shall submit the information requested via https://foci.td.anl.gov website. Buyers who possess a DOD or DOE Facility Clearance shall submit agency documentation that grants the facility clearance, including their company's assigned DoD commercial and government entity (CAGE) code or DOE facility code.

Please check, as appropriate:
Facility Clearance documentation has been submitted via https://foci.td.anl.go Documentation granting Buyer's facility clearance is attached
Company Name and Address:
In relation to this solicitation, my company is responding as (please check, as appropriate):
Buyer Teaming Partner Subcontractor Joint Venture Other (please specify):

ATTACHMENT 3 - COMPETITIVE AWARD DECISION FACTORS

1. ANALYSIS OF PROPOSALS

- A. The Environmental Management Consolidated Business Center (EMCBC) will establish a Buyer selection team to evaluate the proposals submitted for this sale in accordance with the Technical Competitive Award Decision Factors described within this Attachment.
- B. The instructions set forth in Attachment 1 are designed to provide guidance to the Buyer concerning the documentation that will be evaluated. The Buyer must furnish adequate and specific information in its proposal.
- C. Any exceptions, deviations, or conditional assumptions to the terms of this solicitation, including applicable regulations, unless specifically requested in the solicitation may make the offer unacceptable for an award.
- D. Completion of Agreement Execution Documents in Attachment 2 is required.
- E. The responsibility and financial capability evaluation will consider if a Buyer has adequate financial resources to purchase the nickel or has the ability to obtain them (Attachment 1, Section 2.b(3)-(4)).
- F. This is a sale and not a procurement. The Government intends to analyze proposals and award a Sales Agreement without further interaction with Buyers. Therefore, the Buyer's initial proposal should contain the Buyer's best terms from a price and technical standpoint. The Government reserves the right to have further interactions with offerors and/or select the successful Buyer in a manner the Seller determines to be appropriate, consistent with the solicitation and applicable Federal Property Laws and Regulations.

2. BASIS FOR SALES AGREEMENT AWARD

- A. The Seller intends to award one Sales Agreement to the responsible Buyer whose proposal is responsive to the solicitation and is determined to represent the best value to the Government.
- B. Selection will be based on whether the Buyer meets the Pass/Fail Criteria, an evaluation of the Competitive Award Decision Factors, and Sales Price.

 Assuming the Buyer meets the Pass/Fail Criteria, the Competitive Award Decision Factors, in combination, are more important than evaluated Sales Price. However, Sales Price is important; the Government will not make an award at a price it considers disproportionate to the benefits associated with the evaluated technical superiority of one proposal over another.
- C. Determination of best value to the Government will be achieved through a process of evaluating the strengths and weaknesses of each potential Buyer's proposal in accordance with the Technical Competitive Award Decision Factors below.

3. TECHNICAL COMPETITIVE AWARD DECISION FACTORS

A. PASS/FAIL CRITERIA

The DOE will evaluate if the Buyer has demonstrated that the following conditions can be met prior to initial delivery.

- (1). The Buyer has current authorization by DOE to possess and process classified (confidential-restricted data) material at a DOE (safeguards and security) approved facility. The lack of such authorization makes the offer unacceptable for an award without discussions. If authorization will not be approved and effective on the day of proposal submittal, DOE will evaluate the Buyer's detailed, resource-loaded Primavera schedule outlining activities required to obtain such authorization prior to initial delivery.
- (2). The Buyer has an NRC (or Agreement State) license or demonstrates it will be operating under DOE's regulatory authority to possess and process contaminated material. The lack of such authority makes the offer unacceptable for an award. If authorization will not be approved and effective on the day of proposal submittal, DOE will evaluate the Buyer's detailed, resource-loaded Primavera schedule outlining activities required to obtain such license or authority prior to initial delivery.

B. IMPORTANCE OF COMPETITIVE AWARD DECISION FACTORS

In addition to the above Pass/Fail Criteria, the proposals will be evaluated using information submitted by the Buyers on the following factors: Technical Approach, Domestic and International Controls, Benefits to Local Communities, Extent to Which End Use Achieves DOE Missions, Environmental, Safety and Health/Quality Assurance, Experience, and Past Performance. The relative weighting is as follows:

Evaluation Factor	Weight
Technical Approach, Domestic, and International Controls	40
Extent to Which End Use Achieves DOE Missions	25
Environmental, Safety and Health/Quality Assurance	20
Experience and Past Performance	15
TOTAL	100

C. COMPETITIVE AWARD DECISION FACTORS

(1) Technical Approach, Domestic, and International Controls

The DOE will evaluate the degree of the Buyer's understanding of the requirements of the Sales Agreement; the DOE will also evaluate the degree to which the Buyer has demonstrated the capability to perform these requirements.

The DOE will evaluate the Buyer's proposed approach, plan and schedule to complete the disposition of the nickel material. The DOE will evaluate the Buyer's approach relative to the required licenses, permits and approvals, and how the Buyer will use (and obtain, if applicable) these to meet the proposed disposition schedule. The DOE will evaluate the extent to which the approach appropriately addresses:

Declassification and Decontamination of the nickel (Steps 1 and 2), including:

- Delivery of 15,300 tons of classified, contaminated nickel;
- transportation of the nickel ingots and shredded nickel from their respective storage locations to a DOE-approved processing facility to resize, declassify and decontaminate the nickel (include the size, location and type of facility(ies));
- application of regulatory requirements (DOE Directives (e.g., safeguards and security), facility authorization, NRC (or Agreement State) license (or DOE authorization) during declassification and decontamination;
- the resizing/declassification and decontamination/purification procedures at a DOE (safeguards and security) approved facility;

- the expected quality of the product at each step; the residual radioactivity on the nickel shall meet the International Atomic Energy Agency (IAEA) clearance levels, e.g., Technetium-99 less than 27 pCi per gram or 0.000000000027 Ci/g;
- title transfer of the nickel. The declassification and decontamination process will be accomplished to the satisfaction of the cognizant DOE Program Office/Security Authority, who will act as the certifying official;
- projected schedule for complete delivery, transportation, declassification and decontamination of the nickel (a reasonable timeframe to complete delivery of all the material is one (1) year).

Manufacturing, End-Use and Disposal (Steps 3-5), including:

- application of regulatory requirements (NRC, Agreement State, or DOE authorization), in manufacturing, End-Use and Disposal;
- o alloying, fabrication, end-use and disposal of manufactured products;
- o the expected quality of the product at each step, the alloying plan;
- processing and fabrication of the nickel into a composition and form (include the size, location and type of alloying, equipment and fabrication facility(ies));
- o projected schedule to alloy and/or fabricate;
- o the alloying and/or fabrication procedures;
- the expected end product(s);
- deployment of the end-product in accordance with the Sales Agreement requirements (include the size, location and type of end-use facility(ies));
- functions and design life of the end-product(s);
- disposal of end product(s) and any nickel-containing items in a DOEapproved, regulated disposal facility(ies);
- o projected schedule for alloying, fabrication, manufacture, deployment of end product(s), and disposal of the end product(s).

The DOE will evaluate the proposed approach, plan, and schedule to establish perpetual domestic regulatory and administrative control of the nickel material (Article XI). The DOE will evaluate the extent to which the Buyer has demonstrated how the operation of any required facilities will be under an NRC (or Agreement State) activity/location-specific license or in accordance with applicable DOE requirements (e.g., CFRs, DOE Orders, DOE policies). The DOE will evaluate the extent to which the Buyer's proposed approach accomplishes perpetual inventory control and chain-of-custody control for the initial Buyer and any and all subsequent recipient(s). The DOE will evaluate the Buyer's approach to tracking and reporting of the nickel, from initial purchase until the end product is disposed of in a regulated facility. The DOE will evaluate degree to which the Buyer's proposed

approach will maintain inventory reporting and tracking, domestic inventory verification, inventory control, chain-of-custody control, oversight and performance enforcement, for initial Buyer and any and all subsequent recipient(s) (e.g., Buyer's use of performance bonding for subsequent recipient(s)).

If applicable for Steps 3-5, the DOE will evaluate the degree to which the Buyer's proposed approach, plan and schedule establishes the necessary international, perpetual, regulatory and administrative control of the nickel material in an IAEA-member State. The DOE will evaluate the extent to which the Buyer's proposed approach to the operation of any required facilities for Steps 3-5 will be in accordance with the IAEA activity/locationspecific license. The DOE will evaluate the Buyer's proposed approach to shipping the material overseas for fabricating, equipment manufacturing, end use, and/or disposal, and the equivalency of any foreign agency that will provide DOE/NRC (or Agreement State) -equivalent oversight. The DOE will evaluate the extent to which the Buyer's proposed approach accomplishes perpetual inventory control and chain-of-custody control for any and all subsequent recipient(s). The DOE will evaluate the ability of the Buyer's approach to tracking and reporting of the nickel, from the first foreign recipient until the end product is disposed of in a regulated facility. The DOE will evaluate degree to which the Buyer's proposed approach will maintain inventory reporting and tracking, inventory verification, inventory control, chain-of-custody control, oversight and performance enforcement, for initial Buyer and any and all subsequent recipient(s) (e.g., Buyer's use of performance bonding for subsequent recipient(s)).

The DOE will evaluate the Buyer's business management systems and resources used to execute the technical approach, as well as the Buyer's capabilities to utilize these systems. The DOE will evaluate the Buyer's project management approach and business systems (technical, schedule (including a summary Gantt Chart and Logic Network), change management, organizational management structure, work scope risks and uncertainties (including approach for elimination, avoidance and mitigation), Work Breakdown Structure) to meet the requirements of the Sales Agreement. DOE will also evaluate the Buyer's identification of key facilities, equipment, and interfaces that will be a part of the Interface MOU (Article VIII).

(2) Extent to Which End Use Achieves DOE Missions

The DOE will evaluate the extent to which the Buyer's proposed approach includes end uses with the following characteristics (in radiologically-controlled applications) to achieve DOE Missions.

DOE will evaluate the extent to which the Buyer has incorporated DOE's

preferred end use characteristics in the proposal. These are highly preferable, and are listed in no order of importance or preference: (a) enhance electricity storage; (b) improve the U.S. electrical distribution system; (c) regulate peak load frequency; (d) modernize the U.S. energy infrastructure, (e) ensure the productive and optimal use of energy resources while limiting environmental impact.

DOE will evaluate other, less-preferable end uses that achieve DOE Missions with the following characteristics. These are worth one-half (50%) of the weight as compared to the five listed above (in no order of importance or preference): providing safe, efficient, and effective nuclear power plants for the U.S. Navy as one of the Department's overriding national security priorities: developing new nuclear energy generation technologies; developing advanced, proliferation-resistant nuclear fuel technologies that maximize energy from nuclear fuel; and maintaining and enhancing the U.S. nuclear technology infrastructure; protecting the environment and the public by cleaning up contaminated DOE sites and disposing of radioactive waste safely, and properly handling/storing legacy wastes, safely storing radioactive waste, and protecting the environment and the public; safely manage and dispose of U.S. spent nuclear fuel and high-level radioactive waste in a manner that protects health, safety and the environment; and merits public confidence, including, but not limited to, the safe and secure transport of nuclear waste to a geologic repository.

(3) Environmental, Safety and Health (ES&H)/Quality Assurance (QA)

The DOE will evaluate the Buyer's capability to perform the requirements of the Sales Agreement safely and in accordance with ES&H and QA requirements. The DOE will evaluate the Buyer's capabilities to plan, conduct, staff, and execute all activities under this Sales Agreement in a safe manner consistent with Integrated Safety Management and QA principles. The DOE will evaluate the Buyer's proposed roles, responsibilities, authorities, and accountability for an Integrated Safety Management System (ISMS) and a Quality Assurance program (consistent with, or equivalent to, 10 CFR 830 Nuclear Safety Management, Subpart A. Quality Assurance Requirements, DOE O 414.1C, Quality Assurance, DOE-EM, DOE Environmental Management, Quality Assurance Program Description, Revision 1, and ASME NQA-1-2004 (or latest edition and addenda), Quality Assurance Requirements for Nuclear Facility Applications, as the national consensus standard for work scope implementing QA Criteria of 10 CFR 830 Subpart A and O 414.1C) in every part and level of the Buyer's organization (e.g., including team members and subcontracts).

(4) Experience and Past Performance

The Buyer (and team members, if any) will be evaluated on the quality and extent of its experience in areas that are similar in size, scope and complexity to that in the Sales Agreement (e.g., Resizing and Declassification; Decontamination/Purification; Alloying, Fabrication and Equipment Manufacturing; Beneficial End Use of Manufactured Products in Radiologically-Controlled Applications; Disposal of Manufactured Products; environment, safety, and health programs; interfacing with local, State and Federal governments, regulatory agencies, the community and other stakeholders). DOE will consider reference information provided in response to Attachments 4 and 5 and any other information that it considers relevant, including but not limited to information from other government and nongovernment sources.

4. SALES PRICE

The Buyer's Total Sales Price, as documented in Table 1, Sales price, will not be point scored or adjectivally rated, but will be used in determining the best value to the Government. In determining the best value to the Government, the Technical Competitive Award Decision Factors are significantly more important than the total sales price.

The "Lot 1 Price" is defined as the total of the "Estimated Quantity Weight" (converted to pounds) of the Paducah GDP Nickel times the "Price per pound" of the Paducah GDP Nickel. The "Lot 2 Price" is defined as the total of the "Estimated Quantity Weight" (converted to pounds) of the ETTP Nickel times the "Price per pound" of the ETTP Nickel. The Buyer's total proposed Sales Price means the arithmetic sum of the Proposed Sales Price for Lot 1 plus the Proposed Sales Price for Lot 2.

(The actual price paid by the Buyer, based on the actual weight of the nickel, will not be known until official weighing prior to delivery (see Articles V.E.2.b and VII.E). Because these actual weights will not be known at time of proposal evaluation, they will not be used for price evaluation.)

ATTACHMENT 4 - BUYER EXPERIENCE AND PAST PERFORMANCE REFERENCE INFORMATION WORKSHEET

Name of Offeror:	
	contract awarded to if different from Offeror:
	Contract #:
Client Point of Contact: Name:	
Title: Telephone: Address:	
Period of Performance:	
Start Date:	Completion/Termination Date:
Type of Contract:	Dollar Amount:
(size, scope and complex	ncluding the identification of the portion of the work kity) performed by the Offeror during this contract (See definitions of size, scope, and complexity):

ATTACHMENT 5 - BUYER PAST PERFORMANCE LETTER & QUESTIONNAIRE

Date .	_		
Dear		.:	

We are participating in a Request for Proposal a Department of Energy (DOE) Sales Agreement for Nickel material. We are asking for your assistance in completing the attached questionnaire and forwarding to the DOE to aid in its evaluation of our past performance. Please return the completed questionnaire to the following address within ten calendar days:

United States Department of Energy Environmental Management Consolidated Business Center Office of Contracting, Attn: Noelle Mills 250 E 5th Street, Suite 500 Cincinnati, OH 45202

Please mark the envelope:

Past Performance Letter

"TO BE OPENED ONLY BY THE CONTRACTING OFFICER"

Please remember to provide your contact information at the end of the questionnaire.

Please use the following definitions to provide your ratings:

- 0 <u>Unsatisfactory</u> The contractor failed to meet the minimum contract requirements.
- 1 <u>Poor</u> Performance was less than expected. The contractor performed below minimum contract requirements.
- 2 <u>Satisfactory</u> Performance met expected levels. The contractor met the minimum contract requirements.
- 3 Good Contractor performance exceeded expected levels. The contractor performed above minimum contract requirements and displayed a thorough understanding of contract requirements.

- 4 Excellent Contractor performance substantially exceeded expected levels of performance. The contractor consistently performed above contract requirements, displayed an overall superior understanding of contract requirements, and used innovative approaches leading to enhanced performance.
- NA Not applicable
- DK <u>Don't know</u>. No knowledge available to rate this question.

Respondents are strongly encouraged to provide an explanatory narrative under REMARKS. If more space is needed, please attach additional pages.

Past Performance Questionnaire

0=Unsatisfactory, 1=Poor, 2=Satisfactory, 3=Good, 4=Excellent, NA=Not Applicable, DK=Don't Know

Name of Contractor:							
Did the contractor adhere to contract schedules?	0	1	2	3	4	NA	DK
Did the contractor report material tracking record that were of good quality?	0	1	2	3	4	NA	DK
Was the Statement of Work executed effectively by the contractor in a consistently high-quality manner?	0	1	2	3	4	NA	DK
Was the contractor effective in subcontract management?	0	1	2	3	4	NA	DK
Did the contractor's corporate office effectively support your contract?	0	1	2	3	4	NA	DK
Would you select this contractor again?	Yes			No	No		

Name of Contractor:

Remarks:

Respondent: Please fill in the following table:

Item	Fill-In
Your Name	
Title	
Organization Name	
Organization Address (including City,	
State, ZIP)	
Telephone Number (w/area code)	
Facsimile Number (w/area code)	
e-mail address	